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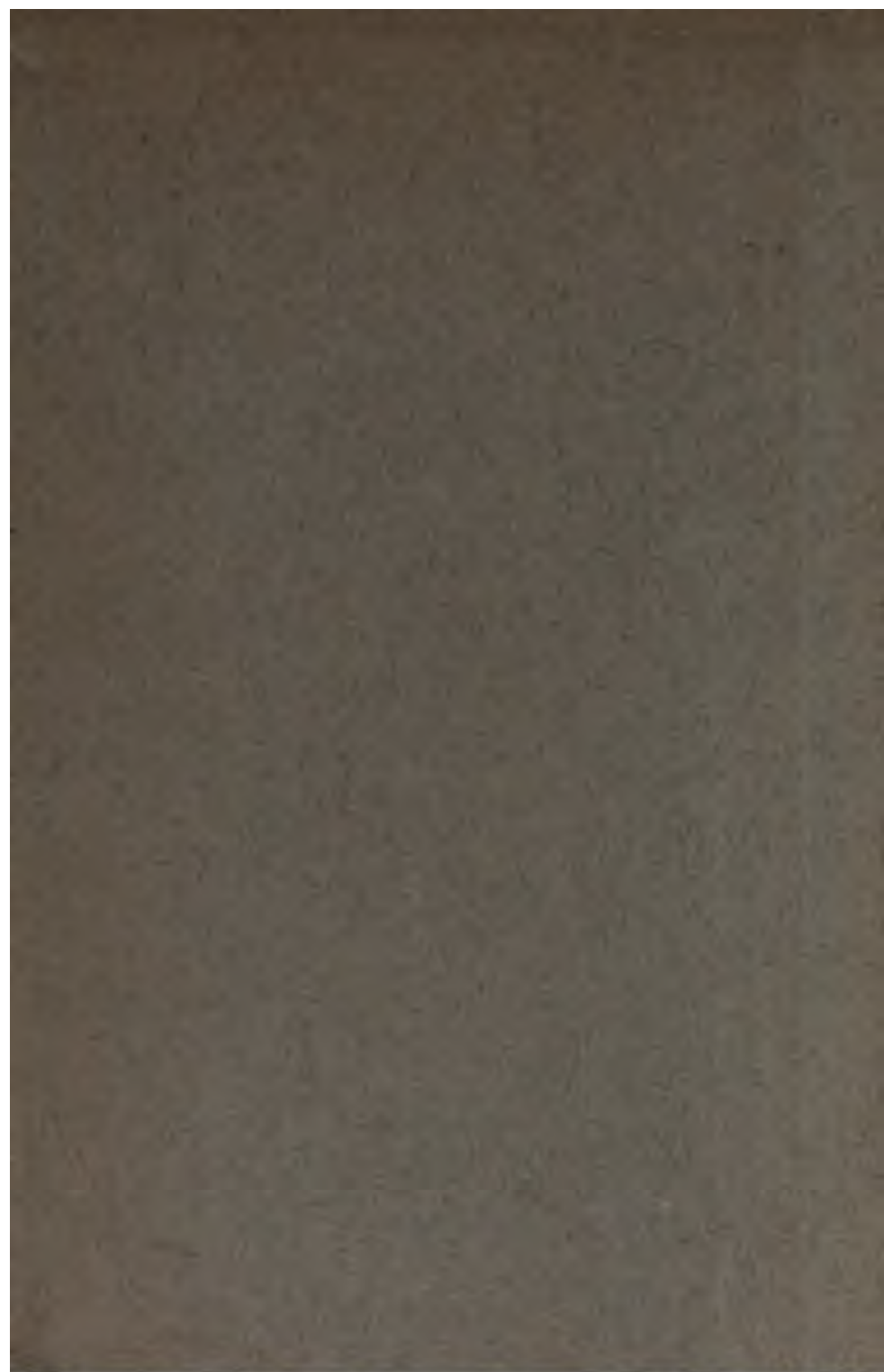
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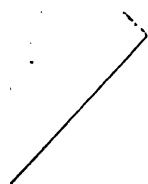












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# Annual Report

of the

★ **Street Commissioner**

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OF THE  
**CITY OF NEWPORT**  
RHODE ISLAND  
1907

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# ANNUAL REPORT

Compliments of  
J. E. Sullivan.  
District Commissioner

Francis M. Jackson, Clerk,

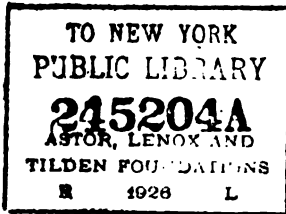
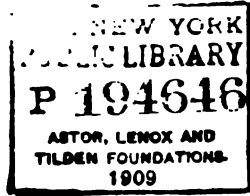
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OF THE

CITY OF NEWPORT

1907

RECEIVED  
JAN 10 1908  
CITY OF NEWPORT



ROY VAN  
CLUB  
YARBL

# Annual Report of Street Commissioner.

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To the Honorable Board of Aldermen, City of Newport, R. I.

Gentlemen:—The Street Commissioner respectfully submits the following report of operations and expenditures of the Department of Streets and Highways during the municipal year of 1907:

## CITY WHARF.

Your attention is respectfully called to the wornout condition of the piling and caplogs of the City Wharf, and this matter should receive prompt repair before any serious damage should occur.

The Roller House should receive a concrete floor. I would also recommend that the stable be extended, because at present, owing to congested conditions, we are obliged to keep some of the horses in outbuildings. Early in the spring we had a shed built to protect some of the carts and which work was performed under contract by Mr. William H. Langley, for the sum of one hundred and sixty-five (\$165.00) dollars.

## HORSES AND CARTS.

Two horses were purchased this year for the use of the department, in accordance with a resolution passed by the Board of Aldermen, for the sum of five hundred (\$500.00) dollars; one condemned horse was sold in the early spring to Mr. James J. Dugan, for the sum of seventy (\$70.00) dollars; the condemned grey mare was kept until this fall, when she was sold to Mr. Richard J. Lawton for the sum of twenty-five (\$25.00) dollars. This grey mare gave this department excellent service during the busy season, moving supplies, etc., for the steam rollers, sewer cleaners, and other odd jobs too numerous to mention; the service derived from this horse more than paid for its keep. I would recommend that permission be granted to this department each year for the purchase of a cheap horse to be used during the working season and to be sold again in the fall. The carts are in very good condition at present with the exception of one of the iron sanitary carts, which can be repaired at a nominal cost.

## CLEANING STREETS.

The street cleaning part of the department is divided into various sections; Sections No. 1 and No. 2 cover the most thickly inhabited part of the city, other than the permanent pavements and they each sweep an average of about 29 miles in length or an



area of about 24,014 square yards each month. Sections No. 3 and No. 4 cover mostly the suburban districts and in addition to sweeping streets they do weeding, mowing of grass, trimming edges, and perform various odd jobs of repairs to the streets and sidewalks. They each cover about 10 miles in length or an area of about 284,000 square yards each month. Section No. 7 is employed only on Belleville Avenue, which they cover about twice per day.

The above mentioned sweepers are employed part of the year, which is regulated by weather conditions. This year the season commenced on April 1 and ended on November 23, and at a total cost of \$10,711.83.

A few boys are employed during the summer months to gather the dead up waste paper from the streets.

The permanent pavements of Thames and Spring Streets, Long Wharf, and Broadway, including Washington Square, are swept throughout the year, except upon extreme cold weather or when the pavements are covered with snow. The expense of sweeping these paved streets varies in cost each year, owing to the heavy snowfalls.

#### REMOVAL OF SNOW AND ICE

The frequent and heavy snowfalls we have experienced this year, has increased the cost of the removal of snow and ice, grading crossings and permanent pavements, clearing gutters, crosswalks and breaking out snowdrifts in the suburban districts. The total cost being \$4027.66, or an increase of \$1,066.71 over last year.

#### COLLECTION AND DISPOSAL OF CITY GARBAGE.

The new five-year contract for the collection and disposal of the city garbage, which was awarded to Mr. James J. Dugan, came into effect in January, this year. Very few complaints have been made to this office for non-collection, which is very creditable to the contractor and a guarantee that he is giving entire satisfaction to the public. What few complaints have been made have been promptly adjusted by the contractor. Soon after this new contract was in operation I had ten thousand copies of "Garbage Regulations" printed and distributed to every household in the city.

Two men, one of whom I am sure is employed, have been sent out to level off and clean up the city roads.

I with pleasure report that Miss Anna F. Martin, women's education, has kindly given permission of this department to hold in a tract of her land in connection with the school house an area of about three acres.

#### CLEARING SEWERS.

We have about 11 miles of sewers, which necessitates the

employment of four men constantly all the year to flush and keep them clear, the expense of which this year was \$2,245.44, or about \$54.77 per mile.

I would suggest that no more main sewers be constructed less than ten inches in diameter, because I find that over fifteen miles of the sewerage system of this city is comprised of eight-inch pipe, which is of too small capacity to take care of all waste and storm water.

During the year there has been reported to this department several defective sewer connections, the result of which has considerably inconvenienced the residents of the localities where these improper connections were found. These connections were repaired and put in proper condition by this department. I would recommend that Chapter 54, Section 3, of the City Ordinances be amended as follows: That all sewer connections must be inspected by the Street Commissioner or his assistant before the trench of any drain is back filled.

About seventy-five tons of gravel taken from the main sewers was used for re-laying crossings and other work. A net saving to the department of about seventy (\$70.00) dollars.

#### WATERING STREETS.

This office has been diligently at work during the year to determine the amount of water used and the mileage and area covered by the watering of streets. The total cost of watering this year was \$10,630.89, or \$158.67 per mile watered, during the season. We water about 67 miles of streets. Watering of streets commenced on May 13, and continued until November 14, when the hired teams were retired; the city teams continued the work as long as possible.

I recommend the purchase of two single watering carts to take the place of wornout carts.

We take pleasure in submitting to your honorable body and the public in general the following statistics on the street watering, viz.:

1907  
May  
June  
July  
Aug.  
Sept.  
Oct.  
Nov.

STANDARD WATERING.  
Double Cart No. 25, Capacity 1000 Gals. Loads per day Fresh 20;  
Salt 2, Gallons used per day Fresh 20,000, Salt, 1,000.

Days Watered.	Gallons of water used			Mileage of Standard Watered			Area of Standard Watered		
	Fresh	Salt	Total	Fresh	Salt	Total	Sq. Yds. Fresh	Sq. Yds. Salt	Sq. Yds. Total
127 0	240,000	14,700	254,700	134.14	37.36	171.50	3,081,432.78	830,400.01	3,911,832.79
23 "	400,200	27,000	427,200	251.80	70.15	321.95	8,007,000.34	1,028,441.08	9,035,441.42
20 4	540,000	31,800	571,800	200.17	80.83	281.00	4,003,001.32	1,138,812.02	5,141,813.34
25 6	525,300	30,000	555,300	281.00	78.64	359.64	4,610,200.00	1,100,000.07	5,710,200.07
14 4	205,800	17,400	223,200	158.74	44.24	202.98	3,103,740.00	628,101.12	3,731,841.12
22 2	453,000	20,700	473,700	243.61	67.80	311.41	8,680,601.08	1,007,310.14	9,687,911.22
3 4	71,400	4,200	75,600	108.30	10.68	118.98	604,000.08	100,410.80	704,410.88
2,000,100		153,300	2,153,400	1,308.80	380.64	1,689.44	91,700,870.12	5,100,178.80	96,801,048.92

# STREET WATERING.

Double Cart No. 27. Capacity 600 Gals. Loads per day—Fresh 40;

Salt, none; Gallons used per day—Fresh, 24,000; Salt None.

Salt, none; Gallons used per day—Fresh, 24,000; Salt None.											
1907	Days Watered.	Totals			Mileage of Streets Watered			Area of Streets Watered			6
		Gallons of water used		Total	Streets Watered		Total	Sq. yds.		Total	
		Fresh	Salt		Fresh	Salt		Fresh	Salt		
May	13-2	318,000	—	318,000	161.52	—	161.52	—	—	2,341,382.06	2,341,382.06
June	23	552,000	—	552,000	280.37	—	280.37	—	—	4,064,285.84	4,064,285.84
July	26-3	633,000	—	633,000	321.51	—	321.51	—	—	4,660,675.61	4,660,675.61
Aug.	25-7	621,000	—	621,000	315.41	—	315.41	—	—	4,572,321.57	4,572,321.57
Sept.	15-3	369,000	—	369,000	187.42	—	187.42	—	—	2,716,886.73	2,716,886.73
Oct.	23	552,000	—	552,000	280.37	—	280.37	—	—	4,064,285.84	4,064,285.84
Nov.	4-6	114,000	—	114,000	57.90	—	57.90	—	—	839,363.38	839,363.38
	131-5	3,159,000	—	3,159,000	1,604.50	—	1,604.50	—	—	23,259,201.03	23,259,201.03

Date	Cash		By		To		Balance
	Debit	Credit	Debit	Credit	Debit	Credit	
1880							
Jan 1							
Feb 1							
Mar 1							
Apr 1							
May 1							
Jun 1							
Jul 1							
Aug 1							
Sep 1							
Oct 1							
Nov 1							
Dec 1							
1881							
Jan 1							
Feb 1							
Mar 1							
Apr 1							
May 1							
Jun 1							
Jul 1							
Aug 1							
Sep 1							
Oct 1							
Nov 1							
Dec 1							

# STREET WATERING.

Double Cart No. 29. Capacity 600 Gals. Loads per day—Fresh 30;

Salt None; Gallons used per day—Fresh 21,600; Salt, None

Salt None; Gallons used per day—Fresh 21,600; Salt, None										
1907	Days Watered.	Totals			Mileage of Streets Watered			Area of Streets Watered		
		Gallons of water used		Total	Fresh		Total	Sq. yds.		Sq. yds. Total
		Fresh	Salt		Fresh	Salt		Fresh	Salt	
May	12	259,200	—	259,200	141.48	—	141.48	2,146,050.60	—	2,146,050.60
June	18-2	394,200	—	394,200	215.16	—	215.16	3,265,167.72	—	3,265,167.72
July	22-3	483,300	—	483,300	263.81	—	263.81	4,003,185.09	—	4,003,185.09
Aug.	24-2	532,800	—	532,800	285.91	—	285.91	4,338,647.52	—	4,338,647.52
Sept.	10-7	234,900	—	234,900	128.21	—	128.21	1,945,082.14	—	1,945,082.14
Oct.	19-2	415,800	—	415,800	226.96	—	226.96	3,444,081.03	—	3,444,081.03
Nov.	3-4	75,600	—	75,600	41.27	—	41.27	626,196.55	—	626,196.55
	110-4	2,386,800	—	2,386,800	1,302.80	—	1,302.80	19,769,919.65	—	19,769,919.65

## STREET WATERING.

Double Cart No. 20. Capacity 600 Gals. Loads per day Fresh 10;

Salt 17; Gallons used per day Fresh 6000; Salt 10,200

Days Watered.	Totals			Mileage of Streets Watered			Area of Streets Watered		
	Fresh	Salt	Total	Fresh	Salt	Total	Sq. yds. Fresh	Sq. yds. Salt	Sq. yds. Total
1807									
May	60,000	112,200	172,200	33 55	33 33	66 88	478,007.00	625,777.08	1,103,784.08
June	111,000	188,700	299,700	50 43	50 06	100 49	805,435.01	1,052,444.38	1,857,879.39
July	135,000	220,500	355,500	68 02	68 17	136 19	970,683.85	1,270,000.80	2,240,684.65
Aug.	145,500	247,350	392,850	73 06	73 48	146 54	1,065,773.71	1,370,555.34	2,436,329.05
Sept.	71,250	121,125	192,375	36 22	36 08	72 30	517,002.68	676,555.45	1,193,558.13
Oct.	78,000	182,000	260,000	39 05	39 30	78 35	565,081.78	780,555.44	1,345,637.22
101-1	606,750	1,081,475	1,688,225	308 43	300 41	608 84	4,022,065.10	5,762,887.00	9,784,952.10

## STREET WATERING.

Double Cart No. 31. Capacity 600 Gals. Loads per day—Fresh None;  
Salt 10; Gallons used per day—Fresh None; Salt 6,000.

Days Watered.	Totals			Mileage of Streets Watered			Area of Streets Watered		
	Gallons of water used			Fresh			Sq. yds.		
	Fresh	Salt	Total	Fresh	Salt	Total	Fresh	Sq. yds. Salt	Sq. yds. Total
1907									
May	-----	67,500	67,500	-----	78.98	78.98	-----	1,483,319.03	1,483,319.03
June	-----	112,500	112,500	-----	131.62	131.62	-----	2,472,199.87	2,472,199.87
July	-----	141,000	141,000	-----	164.97	164.97	-----	3,098,490.51	3,098,490.51
Aug.	-----	148,500	148,500	-----	173.75	173.75	-----	3,263,303.84	3,263,303.84
Sept.	-----	72,000	72,000	-----	84.24	84.24	-----	1,582,207.92	1,582,207.92
Oct.	-----	78,000	78,000	-----	91.26	91.26	-----	1,714,058.58	1,714,058.58
	-----	619,500	619,500	-----	724.82	724.82	-----	13,613,580.65	13,613,580.65



## STREET WATERING.

Double Cart No. 32, Capacity 700 Gals. Loads per day Fresh 35;

Salt None. Gallons used per day Fresh 24,500; Salt None.

1907	Days	Gallons of water used				Allotment of Streets Watered				Area of Streets Watered			
		Fresh		Total		Fresh		Total		Fresh		Salt	
		Perch	Salt	Perch	Salt	Perch	Salt	Perch	Salt	Perch	Salt	Perch	Salt
May	12 2	300,125		300,125		122,00		122,00		1,803,002.43			1,803,002.43
June	23 2	500,025		500,025		233.43		233.43		3,504,540.51			3,504,540.51
July	26 4	640,250		640,250		200,00		200,00		4,007,013.42			4,007,013.42
Aug.	21 2	504,125		504,125		243.47		243.47		3,740,103.70			3,740,103.70
Sept.	11 3	352,184		352,184		144.33		144.33		2,222,430.53			2,222,430.53
Oct.	22 2	545,125		545,125		223.30		223.30		3,430,045.23			3,430,045.23
Nov.	1 1	110,250		110,250		45.18		45.18		605,710.20			605,710.20
	127 3	3,120,000		3,120,000		1,278.85		1,278.85		10,002,720.17			10,002,720.17

## STREET WATERING.

Double Team No. 33. Capacity 600 Gals. Loads per day—Fresh 20;  
Salt None. Gallons used per day—Fresh 12,000; Salt None.

	Days Watered.	Totals			Mileage of Streets Watered			Area of Streets Watered		
		Gallons of water used		Total	Fresh		Total	Sq. yds. Salt		Sq. yds Total
		Fresh	Salt					Sq. yds. Fresh		
1907	14-2	171,000	-----	171,000	109.58	-----	109.58	2,500,420.99	-----	2,500,420.99
June	21-2	255,000	-----	255,000	163.41	-----	163.41	3,728,697.98	-----	3,728,697.98
July	23-2	279,000	-----	279,000	178.79	-----	178.79	4,079,634.25	-----	4,079,634.25
Aug.	7-7	94,500	-----	94,500	60.56	-----	60.56	1,381,811.61	-----	1,381,811.61
Sept.	66-5	799,500	-----	799,500	512.34	-----	512.34	11,600,504.83	-----	11,600,504.83

## STREET WATERING.

Single Cart No. 10, Capacity 350 Gals. Loads per day Fresh 50;

Salt None. Gallons used per day Fresh 17,500; Salt None.

	Days Watered	Totals			Mileage of Streets Watered			Area of Streets Watered			Sq. Yds. Total
		Fresh	Salt	Total	Fresh	Salt	Total	Sq. Yds. Fresh	Sq. Yds. Salt	Sq. Yds. Total	
1907											
May	12	210,000		210,000	100.08		100.08	1,261,170.00		1,261,170.00	
June	18 2	310,375		310,375	102.24		102.24	1,922,000.48		1,922,000.48	
July	20 7	305,312		305,312	185.58		185.58	2,100,145.76		2,100,145.76	
Aug	23 2	100,875		100,875	200.00		200.00	2,119,317.97		2,119,317.97	
Sept	10 3	181,503		181,503	92.24		92.24	1,002,988.61		1,002,988.61	
Oct	10 2	330,875		330,875	171.13		171.13	308,719.05		308,719.05	
Nov	9 4	61,250		61,250	31.12		31.12	2,027,954.78		2,027,954.78	
	107 4	1,881,250		1,881,250	655.08		655.08	11,921,912.25		11,921,912.25	

## STREET WATERING.

Single Cart No. 14. Capacity 350 Gals. Loads per day—Fresh 38;  
Salt None; Gallons used per day—Fresh 13,300; Salt None

Days Watered.	Salt None; Gallons used per day—Fresh 13,300; Salt None									
	Totals				Mileage of		Area of			
	Gallons of water used				Streets Watered		Streets Watered			
	Fresh	Salt	Total		Fresh	Salt	Total	Sq. yds. Fresh	Sq. yds. Salt	Sq. yds. Total
1907	12	150,600	—	159,600	77.40	—	77.40	833,111.76	—	833,111.76
May	18-2	242,725	—	242,725	117.71	—	117.71	1,267,024.14	—	1,267,024.14
June	20-7	277,638	—	277,638	134.64	—	134.64	1,449,267.33	—	1,449,267.33
July	23-2	309,225	—	309,225	149.96	—	149.96	1,614,154.03	—	1,614,154.03
Aug.	10-3	137,987	—	137,987	66.92	—	66.92	720,294.54	—	720,294.54
Sept.	19-2	256,025	—	256,025	124.16	—	124.16	1,336,450.12	—	1,336,450.12
Oct.	3-4	46,550	—	46,550	22.58	—	22.58	242,990.93	—	242,990.93
Nov.	107-4	1,420,750	—	1,429,750	693.37	—	693.37	7,463,292.85	—	7,463,292.85

## STURGEON WATERING.

Single Cart No. 16, Capacity 320 Gals. Loads per day Fresh 413

Salt None, Gallons used per day Fresh 14,350, Salt None.

1907	Days Watered.	Gallons of water used		Mileage of Streets Watered		Area of Streets Watered		Sq. yds.	
		Fresh	Salt	Total	Fresh	Salt	Total	Fresh	Total
May	13	180,550	-	180,550	80.08	-	80.08	1,000,700.84	1,000,700.84
June	21-4	308,525	-	308,525	132.44	-	132.44	1,813,883.02	1,813,883.02
July	26-3	378,481	-	378,481	162.47	-	162.47	2,225,171.10	2,225,171.10
Aug.	25-2	302,338	-	302,338	155.54	-	155.54	2,130,268.07	2,130,268.07
Sept.	14-1	202,094	-	202,094	87.01	-	87.01	1,101,070.35	1,101,070.35
Oct.	22-2	310,288	-	310,288	137.00	-	137.00	1,877,168.03	1,877,168.03
Nov.	4-4	64,575	-	64,575	27.72	-	27.72	370,650.00	370,650.00
	127	1,822,451	-	1,822,451	782.32	-	782.32	10,714,608.30	10,714,608.30

# STREET WATERING.

Single Cart No. 17. Capacity 300 Gals. Loads per day—Fresh 45;

Salt None. Gallons used per day—Fresh 13,500; Salt None

	Watered. Days	Totals			Mileage of				Area of		
		Gallons of water used			Streets Watered				Streets Watered		
		Fresh	Salt	Total	Fresh	Salt	Total		Sq. yds. Fresh	Sq. yds. Salt	Sq. yds. Total
1907	12-4	168,750	—	168,750	126.25	—	126.25		1,306,158.75	—	1,306,158.75
May	18-2	246,375	—	246,375	184.33	—	184.33		1,904,591.78	—	1,904,591.78
June	20-7	281,813	—	281,813	210.83	—	210.83		2,281,485.11	—	2,281,485.11
July	23-2	313,875	—	313,875	234.83	—	234.83		2,541,055.27	—	2,541,055.27
Aug.	10-5	143,437	—	143,437	107.31	—	107.31		1,161,234.04	—	1,161,234.04
Sept.	19-2	259,875	—	259,875	104.43	—	104.43		2,103,884.48	—	2,103,884.48
Oct.	3-4	47,250	—	47,250	35.35	—	35.35		382,524.45	—	382,524.45
Nov.	108-2	1,461,375	—	1,461,375	1,093.33	—	1,093.33		11,830,934.78	—	11,830,934.78

## STREET WATERING.

Single Cart No. 18. Capacity 350 Gals. Loads per day—Fresh 50;

Salt None. Gallons used per day—Fresh 17,500; Salt None

	Days Watered.	Totals			Mileage of Streets Watered			Area of Streets Watered		
		Gallons of water used			Fresh	Salt	Total	Sq. yds. Fresh	Sq. yds. Salt	Sq. yds. Total
		Fresh	Salt	Total						
1907										
May	12-2	214,375	—	214,375	90.53	—	90.53	1,408,170.50	—	1,408,170.50
June	19-2	330,875	—	330,875	151.00	—	151.00	2,354,208.07	—	2,354,208.07
July	21-3	374,003	—	374,003	108.44	—	108.44	2,014,154.81	—	2,014,154.81
Aug.	23-4	411,250	—	411,250	185.18	—	185.18	2,874,041.54	—	2,874,041.54
Sept.	10-5	185,937	—	185,937	83.72	—	83.72	1,200,433.07	—	1,200,433.07
Oct.	19-2	330,875	—	330,875	151.00	—	151.00	2,354,208.07	—	2,354,208.07
Nov.	2-6	48,125	—	48,125	21.07	—	21.07	330,324.01	—	330,324.01
	100	1,907,500	—	1,907,500	858.02	—	858.02	13,330,000.70	—	13,330,000.70

## STREET WATERING.

Single Cart No. 19. Capacity 300 Gals. Loads per day—Fresh 42;

Salt None. Gallons used per day—Fresh 12,600; Salt None.

1907	Days Watered.	Salt None. Gallons used per day—Fresh 12,600; Salt None.				Area of				
		Totals		Streets Watered		Streets Watered		Sq. yds. Total		
		Gallons of water used		Mileage of		Sq. yds. Salt				
		Fresh	Salt	Total	Fresh	Salt	Total	Sq. yds. Fresh	Sq. yds. Salt	
May	12	151,200	—	151,200	80.76	—	80.76	863,556.72	—	863,556.72
June	18-2	229,950	—	229,950	122.82	—	122.82	1,313,325.85	—	1,313,325.85
July	20-7	263,025	—	263,025	140.49	—	140.49	1,502,228.87	—	1,502,228.87
Aug.	23-2	292,950	—	292,950	156.47	—	156.47	1,673,141.15	—	1,673,141.15
Sept.	10-3	130,725	—	130,725	69.82	—	69.82	746,616.74	—	746,616.74
Oct.	19-2	242,550	—	242,550	129.55	—	129.55	1,385,288.90	—	1,385,288.90
Nov.	3-4	44,100	—	44,100	23.56	—	23.56	251,870.71	—	251,870.71
	107-4	1,354,500	—	1,354,500	723.47	—	723.47	7,736,028.94	—	7,736,028.94



## STREET WATERING.

Single Cart No. 20. Capacity 300 Gals. Loads per day - Fresh 45;

Salt None. Gallons used per day - Fresh 13,500; Salt None.

1907	Days Watered.	Totals			Mileage of			Area of			Sq. yds. Total
		Gallons of water used			Streets Watered			Streets Watered			
		Fresh	Salt	Total	Fresh	Salt	Total	Sq. yds. Fresh	Sq. yds. Salt	Sq. yds. Total	
May	7	94,500	---	94,500	50.26	---	50.26	620,775.24	---	---	620,775.24
June	18-2	246,375	---	246,375	131.04	---	131.04	1,634,002.50	---	---	1,634,002.50
July	20-7	281,812	---	281,812	140.88	---	140.88	1,800,133.31	---	---	1,800,133.31
Aug.	23-2	313,875	---	313,875	166.03	---	166.03	2,081,780.10	---	---	2,081,780.10
Sept.	10-3	140,063	---	140,063	74.40	---	74.40	928,070.44	---	---	928,070.44
Oct.	10-2	259,875	---	259,875	138.22	---	138.22	1,723,031.01	---	---	1,723,031.01
Nov.	3-4	47,250	---	47,250	25.13	---	25.13	313,987.02	---	---	313,987.02
	102-4	1,383,750	---	1,383,750	735.05	---	735.05	9,177,780.30	---	---	9,177,780.30

## STREET WATERING.

Single Cart No. 22. Capacity 300 Gals. Loads per day—Fresh 38;

Salt None. Gallons used per day—Fresh 11,400; Salt None.

1907	Days Watered.	Totals		Mileage of Streets Watered			Area of Streets Watered		
		Gallons of water used		Fresh	Salt	Total	Sq. yds. Fresh	Sq. yds. Salt	Sq. yds. Total
		Fresh	Salt						
May	12	136,800	-----	85.08	-----	85.08	841,443.36	-----	841,443.36
June	18-2	208,050	-----	129.39	-----	129.39	1,279,895.11	-----	1,279,895.11
July	20-7	237,975	-----	148.01	-----	148.01	1,463,760.84	-----	1,463,760.84
Aug.	23-2	265,050	-----	164.84	-----	164.84	1,630,298.51	-----	1,630,298.51
Sept.	10-3	118,275	-----	73.56	-----	73.56	727,497.91	-----	727,497.91
Oct.	19-2	219,450	-----	136.48	-----	136.48	1,349,815.39	-----	1,349,815.39
Nov.	2-6	31,350	-----	19.50	-----	19.50	192,830.77	-----	192,830.77
	108-6	1,216,950	-----	756.86	-----	756.86	7,485,339.89	-----	7,485,339.89

## STREET WATERING.

Single Cart No. 30. Capacity 350 Gals. Loads per day - Fresh 34;

Salt 2. Gallons used per day - Fresh 11,000; Salt 700.

1907	Days Watered.	Salt 2. Gallons used per day - Fresh 11,000; Salt 700.									
		Totals			Mileage of Streets Watered			Area of Streets Watered			
		Gallons of water used		Total	Fresh		Salt	Total	Sq. yds.		Sq. yds. Total
Fresh	Salt	Fresh	Salt		Fresh	Salt					
April	3	35,700	2,100	37,800	18.00	1.17	19.20	181,040.58	0.008,500	190,000.14	
May	12	142,800	8,400	151,200	72.36	4.08	77.01	724,102.32	30,834.24	703,000.50	
June	18-4	220,150	12,950	233,100	111.56	7.22	118.78	1,110,410.01	01,411.12	1,177,828.03	
July	21	249,000	14,700	263,700	126.03	8.10	134.82	1,207,284.06	00,700.02	1,330,003.08	
Aug.	22-4	207,750	15,750	223,500	135.07	8.77	144.44	1,357,804.36	74,040.20	1,432,003.55	
Sept.	12	142,800	8,400	151,200	72.36	4.08	77.01	724,102.32	30,834.24	703,000.50	
Oct.	20-4	243,950	14,350	258,300	123.02	7.00	131.01	1,237,110.63	04,050.16	1,305,100.70	
Nov.	4-6	56,525	3,325	59,850	28.04	1.85	30.40	280,047.50	15,707.72	302,415.31	
	114-2	1,350,575	70,975	1,430,550	088.93	44.55	733.48	0,804,028.70	370,255.10	7,273,883.02	

# STREET WATERING.

Single Cart No. 37. Capacity 350 Gals. Loads per day—Fresh 33;  
Salt 3; Gallons used per day—Fresh 11,550; Salt 1,050.

1907	Days Watered.	Totals			Mileage of			Area of		
		Gallons of water used			Streets Watered			Streets Watered		
		Fresh	Salt	Total	Fresh	Salt	Total	Sq. yds. Fresh	Sq. yds. Salt	Sq. yds. Total
May	12	138,600	12,600	151,200	81.84	31.20	113.04	844,992.72	408,094.20	1,253,086.92
June	19-4	225,225	20,475	245,700	132.99	50.70	183.69	1,373,113.17	663,153.08	2,036,266.25
July	21-6	251,213	22,838	274,051	148.34	56.55	204.89	1,531,549.31	739,670.73	2,271,220.04
Aug.	22-4	259,875	23,625	283,500	153.45	58.50	211.95	1,584,361.35	765,176.62	2,349,537.97
Sept.	13-6	158,812	14,437	173,249	93.77	35.75	129.52	968,220.82	467,607.94	1,435,828.76
Oct.	21	242,550	22,050	264,600	143.22	54.60	197.82	1,478,737.26	714,164.85	2,192,902.11
Nov.	4	46,200	4,200	50,400	27.28	10.40	37.68	281,664.24	136,031.40	417,695.64
	114-4	1,322,475	120,225	1,442,700	780.89	297.70	1,078.59	8,062,638.87	3,863,898.82	11,926,537.69

## SUMMARY OF STREET WATERING.

Cart	Day	Gallons of water used			Mileage of Streets Watered			Area of Streets Watered			Sq. yds Total
		Fresh	Salt	Total	Fresh	Salt	Total	Fresh	Salt	Total	
No. 25	127-6	2,606,100	153,300	2,759,400	1,398,86	389,04	1,788,50	21,700,370.42	5,490,178.89	27,190,549.31	
No. 27	131-5	3,159,000	---	3,159,000	1,604,50	---	1,604,50	23,259,201.03	---	23,259,201.03	
No. 28	100-2	1,804,500	240,600	2,045,100	443,11	49,12	492,23	8,441,571.30	1,737,005.33	10,170,236.03	
No. 29	110-4	2,386,800	---	2,386,800	1,302,80	---	1,302,80	19,709,919.05	---	19,709,919.05	
No. 30	101-1	606,750	1,031,475	1,638,225	308,43	300,41	614,84	4,402,085.19	5,752,887.09	10,155,573.18	
No. 31	103-2	---	619,500	619,500	---	724,82	724,82	---	13,013,580.05	13,013,580.05	
No. 32	127-3	3,120,688	---	3,120,688	1,278,85	---	1,278,85	10,692,720.17	---	10,692,720.17	
No. 33	60-5	799,500	---	799,500	512,34	---	512,34	11,090,504.83	---	11,090,504.83	
No. 10	107-4	1,881,250	---	1,881,250	955,08	---	955,08	11,324,042.25	---	11,324,042.25	
No. 14	107-4	1,429,750	---	1,429,750	693,37	---	693,37	7,463,292.85	---	7,463,292.85	
No. 16	127	1,822,451	---	1,822,451	782,32	---	782,32	10,714,508.30	---	10,714,508.30	
No. 17	108-2	1,461,375	---	1,461,375	1,093,33	---	1,093,33	11,830,934.78	---	11,830,934.78	
No. 18	109	1,907,500	---	1,907,500	858,92	---	858,92	13,330,600.70	---	13,330,600.70	
No. 19	107-4	1,354,500	---	1,354,500	723,47	---	723,47	7,790,028.94	---	7,790,028.94	
No. 20	102-4	1,383,750	---	1,383,750	735,95	---	735,95	9,177,780.30	---	9,177,780.30	
No. 22	100-6	1,210,950	---	1,210,950	756,80	---	756,80	7,485,339.89	---	7,485,339.89	
No. 36	114-2	1,359,575	79,975	1,439,550	688,93	44,55	733,48	6,804,628.70	370,255.10	7,273,883.92	
No. 37	114-4	1,322,475	120,225	1,442,700	780,80	297,70	1,078,59	8,062,638.97	3,808,898.82	11,956,537.09	
	1,973-2	29,622,914	2,245,075	31,867,989	14,918,61	1,812,24	16,730,85	202,983,848.95	30,867,400.84	233,851,315.19	

### APPLYING DUSTOLINE.

During the early summer season our attention was called to a dust-laying preparation called Dustoline. This material was highly recommended for its dust-laying properties and that it had been applied to the roadbeds at Summit and Morristown, N. J., the previous year with excellent results. We were so impressed with its recommendations that I corresponded with Mr. H. F. Eldridge of DeBlois & Eldridge, who was visiting in New York City, and upon my request he went to the above mentioned cities, and his report of the qualities of Dustoline were just as they had been represented. This office finally decided to give the material a fair trial, and upon the 8th day of June the first application of Dustoline was made on Broadway, from Equality Park Place to the Mile Corner, and on Bellevue Avenue, from Perry Street to Victoria Avenue.

Dustoline is delivered in tank cars of a capacity of from six to eight thousand gallons, and the material cost the city about  $8\frac{1}{2}$  cents a gallon, f. o. b. Newport. Dustoline is applied with the regular Studebaker side sprinkler watering cart, the sprinklers being properly adjusted for the work. We used 6,163 gallons of Dustoline in making our first application on Broadway and Bellevue Avenue, covering a total area of 34,205 square yards, equal to .18 of a gallon per square yard of surface covered. We experienced very dry weather this past summer and the result was that this first application of Dustoline on Broadway and Bellevue Avenue was effective for a period of over eight weeks. The life of Dustoline depends upon weather conditions; dry weather, longer; wet weather, less; also that less material is needed with every additional application, which you will observe by examining the statistics which follow later in the report.

The result of the first application of Dustoline being so favorable, this department decided to apply this dust-laying material to other streets. We used altogether this season 21,078 gallons of Dustoline. One particular excellent result derived from the use of Dustoline and its superiority over the applying of water, is the fact that you are free from dust for twenty-four hours each day as long as it is effective, while with the use of water the dust is again blowing in a very short time after being applied.

We find that under weather conditions as experienced last summer, the cost of applying Dustoline to a 20-foot roadbed to be about \$312.12 per mile for the season, and you are free from dust all the time. The cost of applying water to the same width roadbed we find to be about \$158.67 per mile for the season, and the dust is only laid temporarily. The total cost of dustlaying this year is as follows: Watering, \$10,630.89; applying of Dustoline, \$1,878.36; making a total expense of \$12,509.25.

Two hundred dollars was donated this year toward the applying of the Linstoline to Broadway and Mr. J. E. Sullivan paid \$25.00 for applying this same material to Saver's Wharf. The Hall & Lyon Company also paid \$50.00 for applying Linstoline to Government Wharf.

I would recommend that Broadway Bellevue Avenue, the Ocean Drive, and in fact all the principal streets of the city be treated with Linstoline next season, because I believe it to be more economical than watering, not only as a dustlayer but as a preserver of pavements.

The only complaints we have received from its use is that it is detrimental to rubber and bicycle tires.

This office has carefully prepared full and complete statistics on the application of the Linstoline, including cost, etc., and takes pleasure in submitting to your honorable body the following result, viz:—

## FIRST CAR OF DUSTOLINE.

First Application, June 8, 1907.

STREET OR AVENUE.		Square Yards.	Average Gal. per Sq. Yard.	Gallons Used.	Cost per Gallon Applied.	Total Cost.
Bellevue Ave., Perry St. to Victoria Ave.		10,200	.18	1,847	.0891	\$164.59
Broadway, Equality Park to One Mile Corner.		23,945	.18	4,316	.0891	384.62
Average cost per square yard, .016.		34,205	.18	6,163	.0891	\$549.21

## SECOND CAR OF DUSTOLINE.

First Application, June 28 and 29, 1907.

STREET OR AVENUE,		Square Yards.	Average Gal. per Sq. Yard.	Gallons Used.	Cost per Gallon Applied.	Total Cost.
Bellevue Ave., Victoria Ave. to Bailey's Beach.		727	.1217	89	.0891	7.93
Chapel St., Old Beach Road south.		33,104	.1217	4,020	.0891	\$359.00
Redcross Ave., Old Beach Road south.		2,000	.1217	244	.0891	21.74
Old Beach Road.		6,965	.1217	848	.0891	75.57
Bath Road, foot of Hill to Pavilion.		5,588	.1217	680	.0891	60.60
Government Wharf		1,706	.1217	208	.0891	18.54
Sayers Wharf		1,625	.1217	198	.0891	17.64
Average cost per square yard, .0108.		51,715	.1217	6,206	.0891	\$591.02



# SECOND CAR OF DUSTOLINE.

First Application, July 3 and 6, 1907.

STREET OR AVENUE.	Square Yards.	Average Gal. per Sq. Yard.	Gallons Used.	Cost per Gallon Applied.	Total Cost.
Market Square	600	.1217	73	.0801	\$6.51
John St., Bellevue Ave., west	400	.1217	48	.0801	4.28
William St., Bellevue Ave., west	200	.1217	24	.0801	2.14
Catherine St., Bellevue Ave., east	306	.1217	45	.0801	4.01
Church St., Bellevue Ave., west	283	.1217	34	.0801	3.03
Prospect Hill St., Bellevue Ave., west	200	.1217	24	.0801	2.14
Redwood St., Bellevue Ave., east	300	.1217	37	.0801	3.30
Pellham St., Bellevue Ave., west	383	.1217	47	.0801	4.19
Mill St., Bellevue Ave., west	283	.1217	34	.0801	3.03
	3015	.1217	306	.0801	\$32.63

Average cost per square yard, .0108.

# SECOND CAR OF DUSTOLINE.

First Application, July 4 and 6, 1907.

STREET OR AVENUE.	Square Yards.	Average Gal. per Sq. Yard.	Gallons Used.	Cost per Gallon Applied.	Total Cost.
Bellevue Ave., Tarvia (Perry St. to Kay St.)	10,106	.034	350	.0801	\$31.21

Average cost per square yard, .003.

# SECOND CAR OF DUSTOLINE.

Second Application, July 5, 1907.

STREET OR AVENUE.	Square Yards.	Average Gal. per Sq. Yard.	Gallons Used.	Cost per Gallon Applied.	Total Cost.
Broadway -----	11,138	.054	600	.0891	\$53.48
Average cost per square yard, .0048					

# SECOND CAR OF DUSTOLINE.

Second Application, July 18, 1907.

STREET OR AVENUE.	Square Yards.	Average Gal. per Sq. Yard.	Gallons Used.	Cost per Gallon Applied.	Total Cost.
Bellevue Ave. Tarvia (Perry to Kay St.) -----	10,186	.032	325	.0891	\$28.97
Average cost per square yard, .0028.					

# SECOND CAR OF DUSTOLINE.

Third Application, August 8, 1907.

STREET OR AVENUE.	Square Yards.	Average Gal. per Sq. Yard.	Gallons Used.	Cost per Gallon Applied.	Total Cost.
Bellavue Ave. Tarvia (Perry to Kay St.) -----	10,186	.0108	210	.0891	\$18.72
Average cost per square yard, .0018.					

## THIRD CAR OF DUSTOLINE.

First Application, August 13-16, Inc., 1907.

STREET OR AVENUE.	Square Yards.	Average Gal. per Sq. Yard.	Gallons Used.	Cost per Gallon Applied.	Total Cost.
Pelham Street	3,589	.1025	367	.0891	\$32.72
Lake View Ave.	1,813	.1025	186	.0891	16.58
Dresser St.	2,053	.1025	210	.0891	18.72
Bath Road, Bellevue to Rhode Island Ave.	5,506	.1025	563	.0891	50.09
Commercial Wharf North	567	.1025	58	.0891	5.17
Commercial Wharf South	680	.1025	70	.0891	6.24
Causeway between Commercial Wharf, north and south	78	.1025	18	.0891	1.61
Kinsley's Wharf	1,057	.1025	108	.0891	9.63
Bowen's Wharf	300	.1025	31	.0891	2.77
Perry Wharf	342	.1025	35	.0891	3.12
Jamestown Landing, Front of	533	.1025	55	.0891	4.90
Langley's Wharf	355	.1025	36	.0891	3.21
Hammett's Wharf	124	.1025	13	.0891	1.16
Perry Mill Wharf	183	.1025	19	.0891	1.70
Bailey Court	151	.1025	17	.0891	1.52
Taylor Court	639	.1025	65	.0891	5.79
Brown and Howard Wharf	555	.1025	58	.0891	5.17
Lee's Wharf	944	.1025	97	.0891	8.64
West Howard St.	619	.1025	63	.0891	5.61
Spilling Wharf	389	.1025	40	.0891	3.56
West Extension St.	361	.1025	37	.0891	3.30
Waites Wharf	244	.1025	25	.0891	2.23
Coddington Wharf	711	.1025	73	.0891	6.51
Scott's Wharf	550	.1025	56	.0891	4.99

Lopez Wharf -----	333	.1025	34	.0891	3.03
Bull's Wharf -----	240	.1025	25	.0891	2.23
Champlin's Wharf -----	528	.1025	54	.0891	4.81
Swinburne's Wharf -----	260	.1025	27	.0891	2.41
Sherman's Wharf -----	448	.1025	46	.0891	4.10
Wilcox Court -----	207	.1025	21	.0891	1.87
Swan Avenue -----	466	.1025	48	.0891	4.28
Denils Avenue -----	466	.1025	48	.0891	4.28
Whittier Ave. -----	342	.1025	35	.0891	3.12
Northam Lane -----	333	.1025	34	.0891	3.03
Wharf south side of Police Station -----	566	.1025	58	.0891	5.17
	26,632	.1025	2,730	.0891	\$243.27

Average cost per square yard, .0091.

### THIRD CAR OF DUSTOLINE.

Second Application, August 13-16, Inc., 1907.

STREET OR AVENUE.	Square Yards.	Average Gal. per Sq. Yard.	Gallons Used.	Cost per Gallon Applied.	Total Cost.
Broadway -----	12,807	.0357	455	.0891	\$40.81
Market Square -----	600	.0357	22	.0891	1.97
Bath Road, foot of hill to Pavillon -----	5,588	.0357	200	.0891	17.82
Old Beach Road -----	6,965	.0357	249	.0891	22.12
Bellevue Ave., Ferry St. to Bailey's Bench -----	43,364	.0357	1,549	.0891	138.02
Sayers Wharf -----	1,625	.0357	59	.0891	5.26
Government Wharf -----	1,706	.0357	61	.0891	5.44
	72,655	.0357	2,598	.0891	\$231.51

Average cost per square yard, .0031.

THIRD CAR OF DUSTOLINE.

Third Application, August 13-16, Inc., 1907.

STREET OR AVENUE.	Square Yards.	Average Gal. per Sq. Yard.	Gallons Used.	Cost per Gallon Applied.	Total Cost.
Broadway -----	11,138	.075	840	.0891	\$74.86
Average cost per square yard, .0067.					

THIRD CAR OF DUSTOLINE.

Third Application, August 30, 1907.

STREET OR AVENUE.	Square Yards.	Average Gal. per Sq. Yard.	Gallons Used.	Cost per Gallon Applied.	Total Cost.
Bellevue Ave., Perry to Ruggles Ave. -----	11,504	.0263	302	.0891	\$26.91
Bellevue Ave., Ruggles to Wheatland Ave., 10 ft. wide -----	3,334	.0263	88	.0891	7.85
Average cost per square yard, .0023.	14,838	.0263	390	.0891	\$24.76

THIRD CAR OF DUSTOLINE.

Fourth Application, August 30, 1907.

STREET OR AVENUE.	Square Yards.	Average Gal. per Sq. Yard.	Gallons Used.	Cost per Gallon Applied.	Total Cost.
Bellevue Ave. Tarvia (Kay St. to Perry St.) -----	10,196	.0108	210	.0891	\$18.72
Average cost per square yard, .0018.					

### APPLYING WESTRUMITE.

Another dust-laying preparation under the name of "West-rumite" was recommended to this department and a few barrels of the mixture were given for a trial test by the George A. Weaver Company.

This material is mixed with water and then applied with a watering cart, but the result from the application was not very satisfactory.

### QUARRY AND CRUSHER.

The work of quarrying and crushing stone commenced on March 25, and continued until November 18, when the quarry was closed down for the season. The amount of stone quarried and crushed is as follows: Ledge stone, 22 tons; chip stone, 240 tons; crushed stone, 9,997 tons; making a total of 10,259 tons.

Upon my recommendation, you granted me permission to install a steam drill at the quarry at an estimated expense of five hundred (\$500.00) dollars, and I take pleasure in reporting a very favorable result from its use. The total cost for installing the steam drill was two hundred and ninety-five dollars and ninety-five cents (\$295.95), which was two hundred and four dollars and ~~two~~ cents (\$204.05) less than the estimate. The use of this steam drill dispensed with the employing of several men. The cost of crushed stone this year was \$.973 per ton; last year the cost was \$1.184 per ton, making a very favorable reduction in the cost this year of \$.211 per ton, or a total reduction in the total production of 10,000 tons crushed of \$2,110.00, which I consider a very creditable showing for the men who were employed at the quarry. With the use of the steam drill, the quarry will continue a producer for the next two years.

### STEAM ROAD ROLLERS.

Work on the streets commenced on the 15th of April and continued until the 16th of November. Steam roller No. 3 was retired on the 22d of August owing to the fact that the appropriation of this department did not warrant the continuance of its use. Steam rollers Nos. 1 and 2 were housed for the winter on the 16th of November. The rollers were then taken apart, thoroughly cleaned and oiled, ready to be put together for next season's work.

I would recommend that roller No. 2 receive a new set of front wheels.

### THAMES STREET PAVEMENT.

Thames Street is in a deplorable condition and a disgrace to the city. This department has filled the holes of this pavement with crushed stone and trap rock until even this temporary repair is not effective. I would recommend that all overhead wires be placed underground and that all sewer, water and gas connec-

tions be thoroughly tested and renewed where necessary before a new pavement is laid in this street. I would suggest that Thames Street receive some kind of a noiseless pavement and that prompt action be taken in laying the same.

#### BROADWAY AND SPRING STREET PAVEMENT.

I desire to call the attention of your honorable body to the bitulithic pavement of Broadway and Spring Street.

Although the contract of Warren Brothers Company for making certain repairs to this pavement does not expire until next summer, I would recommend that owing to the present condition of these roadbeds, that they receive a new wearing surface, the approximate cost of which would be about \$6,000, of which sum \$1,000 should be assumed by the street railways, making a net expense to the city of \$5,000.

The application of this wearing surface would greatly preserve the life of these pavements.

#### TARVIA.

Tarvia, which is a coal tar preparation, was highly recommended to this office for being a preventor of dust and mud on macadam roads and improve their wearing qualities. It unites the particles on the surface into a cohesive mass, and forms a waterproof surface on the roadbed similar to asphalt, and at a very nominal expense.

This department, after giving the matter careful consideration, decided to give the material a trial and Bellevue Avenue, from Kay Street to Perry Street, was tarviated. This roadbed was treated under the direction of one of the representatives of the National Coal Tar Company, and that part of the avenue from Kay to Bowery Streets was not, in our opinion, a success, because the material was applied too abundantly and to the old roadbed, which should not be done. That part of the avenue between Bowery and Perry Streets was a much better piece of work, because the material was applied to a new re-macadamized surface, although even this part of the avenue was rolled too hard before applying the Tarvia.

Having some of the material left over from Bellevue Avenue, we decided to treat Bull Street and Old Beach Road Hill. These two pieces of roadbed were treated in a manner which we thought was best and with excellent results, as the work proved to be a complete success.

Old Beach Road Hill, which has a very steep grade, has been of considerable expense to the city from bad washouts after heavy rainfalls, but since applying the Tarvia preparation, the roadbed has withstood the test exceedingly well, there being no more washouts.

I highly recommend Tarvia for steep grades and the quarters of macadam roadbeds.

Tarvia as a dust preventor is a failure, because we had to apply Dustoline to Bellevue Avenue to keep the dust down, but it is without doubt an excellent article as a mud preventer and a preserver of macadam roadbeds. The following statistics have been prepared by this office, which give full information on the subject as to cost, etc.:—

#### TARVIA.

Street.	Gals. Tarvia	Trap Rock Tons	Rock Lbs.	Length S.Yds.	Avg. Cost S.Yd.	Total Cost
Bellevue Ave.,						
Kay to Perry St.	4,576	214	213	3,256	10,196	.116 \$1,187.38
Bull St. ....	1,106	44	455	1,133	2,140	.123 262.98
Old Beach Rd. Hill	352	16	1,135	400	1,022	.099 101.17
	6,034	274	1,803	4,889	13,358	.116 \$1,551.53

#### BATEMAN AVENUE.

In looking over the serious and dangerous condition of Bateman Avenue, and knowing that the city was liable for any damage that might occur, I decided to put this avenue in a fairly passable condition with as reasonable expense as possible, so that the same would be safe for public travel. I expended \$455.90 in putting the avenue in repair, and today it is in excellent condition, but the hill on the east end near Coggeshall Avenue, should be macadamized, the expense of which would be about \$1,200.00.

#### STREETS RE-MACADAMIZED.

The following streets have been re-macadamized this year, and full statistics of same will be found in another part of this report: Broadway, from Equality Park Place to Bliss Road; Bellevue Avenue, from Bowery to Perry Street; Malbone Road, from Broadway to Bedlow Avenue; Bull Street; Lake View Avenue, from Bellevue Avenue to Ledge Road; Mary Street, from Thames to Clarke Street; Anthony Street; Water Works Road; Lincoln Street; Friendship Place; High Street, from Mary to Church Street; Channing Street; Dixon Street, from Bellevue Avenue to Spring Street; Berkeley Avenue; Catherine Street, from Rhode Island Avenue to Bellevue Avenue and John Street.

#### STREETS RE-SURFACED AND ROLLED.

The following streets have been re-surfaced and rolled with a steam road roller, and full statistics of same will be found in another part of this report: Kay Street, from Touro Street to Powel Avenue; Pelham Street, from Spring Street to Bellevue Avenue; Bath Road, from Bellevue Avenue to the Beach; Ruggles Avenue, from "Kernochan's" to Ochre Point Avenue, and Congdon Avenue.



### STREETS PATCHED AND ROLLED.

The following streets have been patched with crushed stone where needed and rolled with a steam road roller: Bellevue Avenue from Ferry Street, south Ocean Avenue, Jeffery Road, Knapp Road, Harrison Avenue, Washington, Third, Second, Barnard, Pine, Cherry, Chestnut, Walnut, Willow, Poplar and Elm Streets, Rhode Island Avenue from Old Beach Road to Beach Road, Morton Avenue, Carroll Avenue, Atlantic Street, and Eastmor Road.

### STREETS CLEANED UP, REPAIRED AND TURNPIKED.

The following streets have been cleaned up, repaired and turnpiked, and made fairly passable for public travel: Malbone Road, from Bedford Avenue, north 700 feet; Key Street Boulevard, about 150 feet; Eastcroft Avenue, 150 feet; Hunter Avenue, from Key to Champlain Streets, 150 feet; Prairie Avenue, from Catherine to Champlain Streets, 150 feet.

### OCEAN AVENUE, NEAR "GRAVES POINT."

There exists on the south side of Ocean Avenue, at a point near "Graves Point," a matter which should receive immediate attention next spring. The action of the water has eaten into the roadbed to such an extent that unless a seawall is constructed at this point within a short time, the roadbed will be very narrow and dangerous. In fact, the temporary fence which I had built to avoid any accident which might happen at any time, has had to be rebuilt several times, caused by the action of the water on the roadbed. I have interviewed Mr. Herbert L. Dyer, the agent for the owners of the land on both sides of the road, and he is taking the matter up with them, but Mr. Dyer feels that the city should meet the owners at least halfway as to the expense of building a seawall, because they care nothing about the land on the water front of the road and do not care to be burdened with the whole expense of building a wall to protect a public highway which belongs to the city.

### BRIGGS WHARF WALL.

After a more thorough examination of the east end of the retaining wall of Briggs Wharf, I found that I could repair the same at a much lower figure than was anticipated. This wall was repaired in good shape for the sum of \$467.55.

### COLLIN'S BEACH WATERING STATION.

A spare tank at City Wharf was taken to and set up at Collin's Beach by the men employed by this department. A new pumphouse was built under contract by Mr. Thomas H. Reagan, for the sum of \$148.50.

The total cost of putting this watering station in operation was \$246.04.

### BAILEY'S BEACH WATERING STATION.

It is with regret that I am obliged to report that the salt water tank at Bailey's Beach collapsed on August 19. It was 12 feet high and 14 feet in diameter.

It was fortunate that the accident did not happen until late in the season, because the watering of Ocean Avenue and other streets in this locality with salt water is very essential and beneficial to the roadbeds. Salt water, in my opinion, is an excellent dust-layer and preserver of macadam roads. I would suggest that a new tank be constructed next spring upon the same or nearby location.

### EASTON'S BEACH.

During the summer season a man is constantly employed cleaning up the roadbed, mowing the grass plat, etc., at Easton's Beach.

The sea wall, which was in very bad condition, has been thoroughly repaired. The iron fence on top of wall has also been repaired and painted.

### TRAP ROCK.

In accordance with a resolution of the Board of Aldermen, passed on February 21, this department purchased one thousand cubic yards of trap rock from the Clinton Point Stone Company of New York for the sum of \$1.90 per cubic yard delivered along the side of the City Wharf. The discharging of the stone cost 27 cents per cubic yard.

Considerable of this trap rock was used for filling the holes in Thames Street, and a full account of which and the remainder of the same, where used, will be found in another part of this report.

I would recommend that another cargo of this trap rock be purchased next year, because I consider this stone an excellent material for the top dressing of macadam roadbeds.

### REMOVAL AND TRIMMING OF TREES.

During the year this department has removed the following trees which were considered in a dangerous condition and a menace to public travel, viz.: Cranston Avenue, adjoining the property of Patrick J. Murphy, Esq.; Friendship Street, at the Newport Hospital; and at the corner of Washington and Elm Streets.

A number of overhanging trees and shrubs have also been trimmed from time to time during the season.

### OLD COLONY STREET AND NEWPORT & PROVIDENCE RAILWAY COMPANIES.

Both of these street railway companies have removed their rails from across Thames Street.

At Franklin Street, the crossing has been relaid and the grade at the foot of the street changed so that the surface water from the rails is directed into the catchbasins, instead of flowing across Thames Street into Commercial Wharf.

At Washington Square and Thames Street a new crossing has been laid and the grade of the roadbed changed to the catchbasins.

#### ANN AND ELM STREET PIERS.

These piers have been put in good condition, by direction of the Board of Aldermen, for the sum of \$319.65.

#### CLEANING AND REPAIRING FOUNTAINS.

The various fountains located throughout the city have been cleaned and put in repair, by direction of the Board of Aldermen, at an expense of \$101.23.

#### CHERRY AND CHESTNUT STREETS SEA WALLS.

These sea walls, especially the Cherry Street sea wall, were in a very bad condition, and they were both put in good repair, the former at an expense of \$71.79 and the latter for \$10.65.

This work, as well as the piers and fountains, was not considered in our appropriation, because it is a new departure for this department to perform this work, and if this department in the future is to assume the care of piers, fountains and sea walls, we should receive an additional appropriation for the same.

#### TOURO STREET.

During the year repairs have been made from time to time to the roadbed of Touro Street, also the gutters and crossings have been repaired and relaid. The expense of which amounted to \$542.65, and was paid from the Touro Street Fund.

I would suggest that the sidewalk on the north side of this street in front of the "Mall" be replaced with granolithic. This sidewalk in its present condition is dangerous to public travel.

#### KING PARK, FILLING AND REPAIRING PIER.

This department, at the request of the Park Commission, has filled in the head of and repaired the pier at King Park, at the expense of \$346.09, and which amount was reimbursed to this department by the Park Commission.

#### VAN ZANDT AVENUE SEWER EXTENSION.

The outlet of the Van Zandt Avenue sewer has been extended for a distance of 126 feet to beyond low water mark.

This work was done upon complaint of the Board of Health, as they claimed the same a nuisance and menace to the public health. The expense of which amounted to \$76.53.

### VAN ZANDT AVENUE BRIDGE.

Van Zandt Avenue Bridge has received some repairs this past season, the sum of \$149.14 having been expended upon the work.

I recommend that the iron work underneath this bridge be thoroughly scraped and repainted.

### KING PARK AND HALIDON AVENUE SEWERS.

The outlets of these sewers were depositing the sewerage matter too close to the shore line, causing a nuisance and a menace to public health. The Board of Aldermen, acting as a Board of Health, authorized and directed this department to extend both the King Park and Halidon Avenue sewers in accordance with plans and specifications prepared by the City Engineer. This department communicated with the U. S. Cast Iron Pipe & Foundry Company of New York and the Fuller Iron Works of Providence, R. I., for prices on the pipe. The former replied with regrets that they were so busy that they were not in position to offer any prices; the latter quoted price of 3¾ cents per pound for the 18-inch heavy iron flanged pipe and 2½ cents per pound for the 10-inch cast iron bell hub pipe, f. o. b. Newport, and which prices were accepted.

The contract for laying of the sewers was awarded by the Board of Aldermen to Mr. J. K. Sullivan for the sum of \$1,835.00. The work to be performed under the direction and satisfaction of the City Engineer.

A catch basin has been built at the pier end of the sewer to intercept any foreign matter which might stop up the sewer outlet.

The Representative Council, at a special meeting on December 13, passed a resolution appropriating the sum of \$5,900.00 for the building of said sewers, and the following is a detailed statement of the expenditures, viz.:

#### Receipts.

Appropriation.....	\$5,900.00
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#### Disbursements.

1. Fuller Iron Company, pipe.....	\$3,979.26
2. J. K. Sullivan, contract building sewer.....	1,835.00
3. Alexander N. Barker & Co., Portland cement, etc.....	31.97
4. J. D. Johnston, 2 gaskets.....	4.50
5. George H. Chase, blue prints of plan.....	.35
Balance unexpended .....	48.92
	<hr/>
	\$5,900.00

### MAIN SEWER OUTLET.

The pipe ordered last year for the repairs of the main sewer outlet arrived late in the month of February. The contractors, the T. A. Scott Company of New London, Conn., who were awarded the contract for laying of the pipe, were duly notified. They

commenced the work in March and completed the same during the month of June, and the main sewer outlet is now in good condition and laid to a depth that cannot be interfered with by any of the deep water tugs. This work was completed at an expense of \$3,337.58, which is \$3,162.42 less than the estimate.

#### HARBOR DREDGING.

Dredging the harbor within the harbor line in the rear of the Newport Yacht Club and in front of Long Wharf was completed and the dredging was extended far more than was estimated. A channel has been dug south of the Newport Yacht Club to connect with the channel along the docks, also the lower part of the harbor from Lee's Wharf south, and some hard digging in front of the wharves occupied by Alexander N. Barker & Co. and Perry Brothers.

The dredging work was performed under contract by the J. S. Packard Dredging Co. of Providence, R. I., for the sum of 38 cents per cubic yard, also 30 hours labor on hard digging at \$20.30 per hour. A total of 10,539 cubic yards of soft material and 436 cubic yards of hard material was dredged and dumped at sea. An inspector was employed to oversee the work and report to this office the amount of material dredged. The total cost of this work was \$4,681.07, which is \$318.93 less than the estimate.

#### PELHAM STREET SEWER.

Regarding Pelham Street sewer, I would say that it was found more feasible and economical to relay the sewer in the same location as the old sewer. A catch basin with eye was laid at Corne Street to intercept the storm water and thereby prevent the bad washouts on the north quarter of the roadbed, which in former years had to be repaired after every heavy rainfall. I would also add that we obtained about ten thousand brick from the old sewer, enough to build the catch basin above referred to, and to build quite a number of other catch basins and repair work on various jobs during the year. This was a net saving to the department of over one hundred dollars, because new brick would have cost the city about \$12.00 per thousand.

The total cost of the construction of the Pelham Street sewer was \$818.45, which is \$981.55 less than the estimate.

#### CLINTON STREET SEWER.

Clinton Street sewer was built under very favorable circumstances, owing to the fact that we experienced good dry weather. This sewer was extended about three hundred feet more than was originally intended so as to accommodate all the property owners on the street.

This sewer was constructed for the sum of \$551.12, which is \$648.88 less than the estimate.

### EASTON'S BEACH BRIDGE.

I would recommend that your honorable body confer with the Town of Middletown in relation to the widening and the making of necessary repairs to the Easton's Beach Bridge.

Prompt action should be taken in the matter, as the bridge is now in a precarious condition and a menace to public travel.

### COGGESHALL AVENUE IMPROVEMENT.

I would respectfully call your attention to the continuance of the improvement of Coggeshall Avenue, from Ruggles Avenue south. I would recommend that the city expend the sum of say \$5,000.00 each year until the improvement of this avenue is complete.

### STATEMENT OF STONE QUARRIED AND CRUSHED DURING THE YEAR 1907.

	Chip Tons.	Ledge Tons.	Crushed Tons.
General repairs to streets.....			1,100
General repairs to sidewalks.....			227
Thames Street .....			90
Broadway .....			527
Washington Square .....			4
Bellevue Avenue .....			401
Ocean Avenue .....			74
Ridge Road .....			31
Harrison Avenue .....			112
Bateman Avenue .....		2	170
Kay Street .....			76
Kay Street Boulevard .....			30
Pelham Street .....			98
Bath Road .....			476
Ruggles Avenue .....			54
John Street .....			223
Malbone Road .....			594
Bull Street .....			217
Lake View Avenue .....			129
Mary Street .....			42
Anthony Street .....			63
Water Works Road .....			923
Lincoln Street .....			91
Friendship Place .....			73
High Street .....			69
Channing Street .....			345
Dixon Street .....			100
Berkeley Avenue .....			982
Catherine Street .....			505
Touro Street .....			19
Charged to abutters.....			25
Burial Grounds .....			5
King Park Pier .....	240		
King Park Catch Basin.....		17	
Repairing sewers and culverts.....		3	

	Chip Tons.	Ledge Tons.	Crushed Tons.
Green Place .....			1
Crusher, on hand December 21, 1907.....			2,318
City Yard, on hand December 21, 1907.....			166
	240	22	10,290
City Yard, on hand December 31, 1906.....			293
From Quarry during the year 1907.....	240	22	7,679
On hand at Quarry December 21, 1907.....			2,318
	240	22	10,290

## STATEMENT OF TRAP ROCK.

	Tons.
General repairs to streets.....	272
Thames Street .....	311
Broadway .....	14
Washington Square .....	2
Ocean Avenue .....	2
Kay Street .....	99
Kay Street Boulevard .....	5
Pelham Street .....	58
John Street .....	40
Bellevue Avenue .....	248
Bull Street .....	95
Mary Street .....	15
Old Beach Road.....	17
Touro Street .....	18
Charged to abutters .....	12
Congdon Avenue .....	17
Total purchased .....	1,225

## STATEMENT OF DIAMOND HILL STONE.

	Tons.
Washington Square .....	3
General repairs to streets.....	6
	9
	Tons.
City Yard, on hand December 31, 1906.....	9

Following will be found the usual tables, giving in detail the account of operations and expenditures of the department for the year.

Respectfully submitted,

J. K. SULLIVAN,

Street Commissioner.

## SEWER PERMITS.

During the year 49 permits to connect with sewers were issued, making a total to date of 3,381 since the system was adopted in 1884.

The number and description of fixtures connected were as follows:—

	Previously reported.	1907	Total.
Water closets .....	3,202	71	3,273
Laundry tubs .....	1,535	43	1,578
Sinks .....	4,117	52	4,169
Bath tubs .....	1,510	34	1,544
Cellar drains .....	1,456	24	1,480
Bowls .....	300	24	324
Land drains .....	105	1	106
Roofs .....	647	28	675
Furnace pits .....	4	..	4
Stable fixtures .....	38	9	47
Families accommodated .....	3,119	44	3,163
Persons accommodated .....	5,144	132	5,276

New sewers have been laid in the following streets:—

Pelham Street (Spring St. east)...	1,023 ft. 10-inch vit. pipe
Clinton Street (extended).....	870 ft. 10-inch vit. pipe
Van Zandt Avenue (extended).....	126 ft. 8-inch cast iron pipe

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2,019 ft.



## PERMITS FOR STREET AND SIDEWALK OPENINGS, ETC.

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	T't's
Laying gas services -----			2	10	4	4	3	5	3	3	2	1	37
Laying gas mains -----	1			2		1	1						5
Repairing gas mains -----	1			1	1	3				1			6
Repairing gas services -----								1				1	2
Placing gas lamps -----					1		1						2
Electric conduits -----				1	2	1		1	1		1		7
Electric light repairs -----				1	1	1							2
Placing electric signals -----									2				2
Telephone conduits -----	1				3					1	1		6
Removing street railway tracks -----				1									1
Repairing street railway tracks -----					1	1	2						3
Repairing railroad crossings -----					1								1
Clearing drains -----	1	2	2	3	2	4	2	1	4	2	1	1	23
Relaying sewers -----			1	1	3			1		1	2	1	12
Rain water outlet -----						1	1				1		1
Repairing fire alarm cables -----													1
Setting posts and repairing gutters -----									1				1
Cellar opening -----			1										1
Laying granolithic sidewalks -----				2		1	1	1					4
Repairing sidewalks -----								1					1
Tearing down buildings -----	1												1
Use of sidewalk for building -----	1	1	1	1	1								5
Moving shed -----					1								1
Moving trees -----	1		2										3
Granolithic driveway -----											1		1
Replace curb in driveway -----				1	1								1
Laying driveways -----													1
	7	3	9	24	20	17	6	11	11	8	9	4	131

## STREETS RE-MACADAMIZED.

Street or Avenue.	Tons Trap Rock	Tons Crushed Stone	Days Steam Roller	Avg. Depth Work	Length Feet	Width Feet	Sq. Yds.	Cost Per Sq. Yd.	Total Cost
Broadway, Equality Park to Bliss--	3	453	37	3 in.	1,825	27	5,475	.199	\$1,079.32
Bellevue Ave., Bowery to Perry----	34	194	6	4 in.	690	29	2,223	.239	532.46
Malbone Road, Broadway to Bedlow		594	48	6 in.	2,650	19	5,594	.252	1,407.96
Bull St. -----	50	217	16	4 in.	1,133	17	2,140	.292	626.88
Leave View Ave., Bellevue to Ledge-		129	8	3 in.	462	19	899	.313	281.45
Mary St., Clarke to Thames-----	15	42	6	3 in.	598	12	797	.205	163.66
Anthony St. -----		63	7	4 in.	354	15	590	.295	173.91
Water Works Road -----		923	47	6 in.	2,575	18	5,150	.367	1,892.29
Lincoln Street -----		91	8	4 in.	409	15	682	.352	239.74
Friendship Place -----		73	9	5 in.	100	23	486	.427	208.47
High St., Mary to Church -----		69	7	3 in.	339	16	603	.303	182.88
Channing St. -----		345	27	6 in.	884	22	2,161	.381	823.01
Dixon St., Bellevue to Spring-----		100	6	3 in.	889	16	1,580	.135	214.39
Berkeley Ave. -----		982	48	6 in.	1,744	29	5,620	.319	1,993.87
Catherine St., R. I. Ave. to Bellevue-		505	29	4 in.	1,923	19	4,060	.265	1,078.09
John St. -----	40	223	20	4 in.	1,245	14	1,937	.339	657.40
	142	5,003	329		17,910		39,997	.288	\$11,555.78

## STREETS RE-SURFACED AND ROLLED.

Street or Avenue	Tons Trap Rock	Tons Crushed Stone	Days Steam Roller	Length Feet	Width Feet	Sq. Yds.	Cost Per Sq. Yd.	Total Cost
Kay St., Touro to Powel	99	76	18	2,850	23	7,283	.072	\$524.04
Pelham St., Spring to Bellevue	58	98	14	1,159	19	2,447	.177	433.33
Bath Road Bellevue to "Beach"		406	28	3,525	19	7,442	.124	924.33
Ruggles Ave., "Kernochans" to Ochre Point Ave.	17	54	6	1,050	25	2,917	.051	148.35
Congdon Ave.			5	724	17	1,307	.046	95.40
	174	634	71	9,308		21,450	.091	\$2,125.54

## CROSSINGS RE-SET.

Upon observation, I found that all over the city the crossings needed repairs and I placed a gang of men at work in each ward, and the following list will give you some idea of the amount of work that has been done in this respect, viz.:—

Washington St. at Elm St., West Side.....	57 ft.	8 in. x 14 in.
Washington St. at Elm St., East Side.....	45 ft.	8 in. x 14 in.
Washington St. at Willow St. ....	45 ft.	x 14 in.
Washington St. at Willow St., West Side...	59 ft.	8 in. x 14 in.
Washington St. at Willow St., East Side....	43 ft.	8 in. x 14 in.
Washington St. at Poplar St., East Side....	47 ft.	8 in. x 14 in.
Washington St. at Poplar St., West Side...	53 ft.	8 in. x 14 in.
Washington St. at Walnut St. ....	22 ft.	5 in. x 18 in.
Washington St. at Walnut St., West Side...	63 ft.	8 in. x 14 in.
Washington St. at Walnut St., East Side....	39 ft.	8 in. x 14 in.
Washington St. at Chestnut St. ....	22 ft.	4 in. x 16 in.
Washington St. at Chestnut St., East Side...	39 ft.	8 in. x 14 in.
Washington St. at Chestnut St., West Side..	45 ft.	8 in. x 14 in.
Washington St. at Cherry St., East Side....	43 ft.	8 in. x 14 in.
Washington St. at Cherry St., West Side....	43 ft.	8 in. x 18 in.
Second St. at Chestnut St., West Side.....	39 ft.	6 in. x 14 in.
Second St. at Chestnut St., East Side.....	39 ft.	6 in. x 14 in.
Second St. at Walnut St. ....	19 ft.	4 in. x 24 in.
Second St. at Walnut St., East Side.....	39 ft.	6 in. x 14 in.
Second St. at Walnut St., West Side.....	39 ft.	6 in. x 14 in.
Second St. at Willow St., East Side.....	45 ft.	6 in. x 14 in.
Second St. at Willow St., West Side.....	41 ft.	6 in. x 14 in.
Second St. at Poplar St., West Side.....	43 ft.	8 in. x 19 in.
Second St. at Poplar St., East Side.....	47 ft.	8 in. x 14 in.
Second St. at Poplar St. ....	17 ft.	7 in. x 14 in.
Second St. at Elm St. ....	22 ft.	5 in. x 24 in.
Second St. at Elm St., East Side.....	45 ft.	8 in. x 14 in.
Second St. at Elm St., West Side.....	43 ft.	8 in. x 14 in.
Second St. at Bridge St., North Side.....	41 ft.	2 in. x 14 in.
Second St. at Bridge St., South Side.....	41 ft.	2 in. x 14 in.
Bridge St. at Second St. ....	19 ft.	5 in. x 24 in.
Bridge St. at Third St. ....	39 ft.	2 in. x 14 in.
Third St. at Elm St. ....	20 ft.	5 in. x 24 in.
Third St. at Elm St., East Side.....	45 ft.	8 in. x 14 in.
Third St. at Elm St., West Side.....	41 ft.	8 in. x 14 in.
Third St. at Poplar St., West Side.....	45 ft.	8 in. x 14 in.
Third St. at Poplar St., East Side.....	47 ft.	8 in. x 14 in.
Third st. at Willow St., East Side .....	37 ft.	8 in. x 14 in.
Third St. at Willow St. ....	18 ft.	5 in. x 24 in.
Thames St. at Mary St.....	29 ft.	4 in. x 24 in.
Mary St. at Clark St., East Side.....	29 ft.	2 in. x 18 in.
Mary St. at Clark St., West Side.....	28 ft.	10 in. x 24 in.
Mary St. at Y. M. C. A.....	21 ft.	2 in. x 14 in.
Clark St. at Mary St.....	62 ft.	6 in. x 14 in.
Mary St. at Spring St., East Side.....	24 ft.	10 in. x 14 in.
Mary St. at Spring St., West Side.....	37 ft.	2 in. x 16 in.
Mary St. at Division St., West Side.....	25 ft.	x 18 in.
Mary St. at Division St., East Side.....	29 ft.	4 in. x 14 in.
Mary St. at School St., North Side.....	45 ft.	8 in. x 14 in.
Mary St. at School St., East Side.....	29 ft.	8 in. x 14 in.
Mary St. at School St., West Side.....	27 ft.	4 in. x 14 in.
Mary S. at High St., West Side.....	33 ft.	4 in. x 14 in.

Mary St. at High St., North Side.....	43 ft.	4 in.	x 14 in.
Mt. Vernon St. at Barney St., East Side....	35 ft.	6 in.	x 14 in.
Mt. Vernon St. at Barney St., West Side....	41 ft.	6 in.	x 14 in.
Mill St. at Division St.....	45 ft.	8 in.	x 14 in.
Church St. at Division St., North Side.....	41 ft.	8 in.	x 14 in.
Church St. at Division St., South Side.....	35 ft.	8 in.	x 14 in.
Mary St. at Division St., North Side.....	21 ft.	6 in.	x 14 in.
Church St. at High St. ....	31 ft.	4 in.	x 14 in.
Church St. at School St. ....	43 ft.	8 in.	x 18 in.
Spring St. at Church St., East Side.....	34 ft.	10 in.	x 14 in.
Spring St. at Church St., West Side.....	32 ft.	10 in.	x 14 in.
Church St. at Trinity Church.....	35 ft.		x 16 in.
Mill St. at Townsend Court .....	31 ft.		x 14 in.
Mill St. at "T. J. Murphy's".....	21 ft.		x 14 in.
Spring St. at Mill St., East Side.....	39 ft.	2 in.	x 16 in.
Spring St. at Mill St., West Side.....	37 ft.	2 in.	x 16 in.
Bellevue Ave. at Downing St. ....	41 ft.		x 18 in.
Bellevue Ave. at DeBlois St. ....	25 ft.	8 in.	x 24 in.
Bellevue Ave. at Bath Road .....	73 ft.	6 in.	x 24 in.
Bellevue Ave. at Bath Road .....	77 ft.		x 24 in.
Spring St. at Prospect Hill St.....	23 ft.	2 in.	x 16 in.
Spring St. at Green St. ....	29 ft.	2 in.	x 16 in.
Spring St. at Pelham St., East Side.....	45 ft.	2 in.	x 18 in.
Spring St. at Pelham St., West Side.....	41 ft.	2 in.	x 18 in.
Spring St. at Brewer St. ....	33 ft.	2 in.	x 16 in.
Spring St. at Allen's Court .....	37 ft.	2 in.	x 16 in.
Catherine St. at Rhode Island Ave.....	48 ft.		x 24 in.
Thames St. at Frash's Court .....	23 ft.	4 in.	x 24 in.
Thames St. at Frank St. ....	29 ft.	4 in.	x 18 in.
Thames St. at Cotton's Court .....	35 ft.	4 in.	x 18 in.
Thames St. at Market Square .....	37 ft.	4 in.	x 16 in.
Thames St. at Pelham St. ....	45 ft.	4 in.	x 18 in.
Thames St. at Franklin St. ....	49 ft.	8 in.	x 18 in.
Thames St. at Prospect Hill St.....	23 ft.	4 in.	x 18 in.
Thames St. at Commercial Wharf .....	45 ft.	4 in.	x 16 in.
Thames St. at Green St. ....	33 ft.	4 in.	x 18 in.
Thames St. at "Jones" .....	23 ft.	4 in.	x 24 in.
Bellevue Ave. at Sheppard Ave. ....	30 ft.	6 in.	x 16 in.
Bellevue Ave. at Bancroft Ave. ....	59 ft.	4 in.	x 16 in.
Bellevue Ave. at John St. ....	47 ft.	10 in.	x 18 in.
Bellevue Ave. at Pelham St. ....	83 ft.	4 in.	x 18 in.
Bellevue Ave. at Mill St. ....	73 ft.		x 18 in.
Bellevue Ave. at Old Beach Road .....	81 ft.	10 in.	x 24 in.
Bellevue Ave. at Redwood St. ....	37 ft.	10 in.	x 24 in.
Bellevue Ave. at Church St. ....	65 ft.		x 18 in.
Bellevue Ave. at Zion Place .....	36 ft.	9 in.	x 14 in.
Washington St. at Marsh St. ....	61 ft.	4 in.	x 16 in.
Washington St. at Briggs Wharf .....	51 ft.	8 in.	x 16 in.
Bridge St. at "Thorndike's" .....	30 ft.		x 16 in.
West Broadway at Stewart St. ....	31 ft.	6 in.	x 16 in.
West Broadway at Spruce St. ....	35 ft.	6 in.	x 18 in.
Long Wharf at Rosemenere Place.....	45 ft.	4 in.	x 18 in.
Broadway at Calvert St. ....	59 ft.	10 in.	x 16 in.
Broadway at Newport Ave. ....	41 ft.	4 in.	x 18 in.
Broadway at Bay View Ave. ....	41 ft.	4 in.	x 18 in.
Broadway at Powel Ave. ....	79 ft.		x 18 in.
Broadway at Powel Ave. ....	57 ft.	8 in.	x 18 in.

Broadway at Caleb Earl St. ....	53 ft.	9 in. x 14 in.
West Marlborough St. at Fire Department Headquarters .....	181 ft.	8 in. x 24 in.
Catherine St. at Tompkins Court .....	33 ft.	6 in. x 16 in.
Catherine St. at Ayrault St. ....	61 ft.	10 in. x 18 in.
Catherine St. at Elizabeth St. ....	31 ft.	4 in. x 12 in.
Touro St. at Clark St. ....	35 ft.	6 in. x 18 in.
Touro St. at Touro Court .....	35 ft.	2 in. x 16 in.
Catherine St. at Fir St. ....	55 ft.	2 in. x 24 in.
Touro St. at Perry Monument .....	33 ft.	x 16 in.
Thames St. at Washington Square.....	161 ft.	8 in. x 24 in.
Levin St. at Thomas St. ....	33 ft.	2 in. x 16 in.
John St. at Thomas St. ....	33 ft.	2 in. x 16 in.
John St. at Martin St. ....	31 ft.	2 in. x 16 in.
Old Beach Road at Fir St. ....	29 ft.	2 in. x 14 in.
Old Beach Road at Greenough Place .....	28 ft.	6 in. x 18 in.
Kay St. at Brinley St. ....	77 ft.	4 in. x 14 in.
Bull St. at Central St. ....	45 ft.	4 in. x 16 in.
Bull St. at Broadway .....	43 ft.	4 in. x 18 in.
Bull St. at Mt. Vernon St., North Side.....	43 ft.	2 in. x 16 in.
Bull St. at Mt. Vernon St., South Side.....	43 ft.	2 in. x 16 in.
Mill St. at Touro Park West.....	22 ft.	6 in. x 24 in.
Pope St. at Anthony St. ....	33 ft.	2 in. x 16 in.
Kay St. at Bull St. ....	43 ft.	6 in. x 18 in.
Thames St. at Cannon St. ....	31 ft.	4 in. x 18 in.
Thames St. at Perry Mill Wharf .....	37 ft.	4 in. x 18 in.
Thames St. at Perry Mill Court .....	33 ft.	4 in. x 16 in.
Thames St. at Fair St. ....	21 ft.	4 in. x 18 in.
Thames St. at Ann St. ....	31 ft.	4 in. x 18 in.
Thames St. at Bailey's Court .....	33 ft.	4 in. x 16 in.
Thames St. at Lyons Place .....	39 ft.	4 in. x 16 in.
Thames St. at School Court .....	15 ft.	8 in. x 6 in.
Thames St. at Brewer St. ....	35 ft.	4 in. x 18 in.
Thames St. at Dennison St. ....	29 ft.	4 in. x 18 in.
Thames St. at Young St. ....	39 ft.	4 in. x 18 in.
Thames St. at West Howard St. ....	33 ft.	4 in. x 16 in.
Thames St. at Brown & Howard's Wharf...	41 ft.	4 in. x 16 in.
Thames St. at Lee Wharf .....	41 ft.	4 in. x 16 in.
Thames St. at Howard St. ....	39 ft.	4 in. x 18 in.
Thames St. at Milburn Court .....	35 ft.	4 in. x 18 in.
Thames St. at Spring Wharf .....	53 ft.	4 in. x 16 in.
Thames St. at Pope St. ....	25 ft.	4 in. x 16 in.
Thames St. at Extension St. ....	37 ft.	4 in. x 16 in.
Thames St. at West Extension St. ....	51 ft.	4 in. x 16 in.
Thames St. at South Baptist St. ....	31 ft.	4 in. x 16 in.
Thames St. at Waites Wharf .....	41 ft.	4 in. x 16 in.
Thames St. at Dearborn St. ....	49 ft.	4 in. x 18 in.
Thames St. at Goodwin St. ....	43 ft.	4 in. x 16 in.
Thames St. at Harrington St. ....	49 ft.	4 in. x 16 in.
Thames St. at Holland St. ....	31 ft.	4 in. x 16 in.
Thames St. at Dean Ave. ....	33 ft.	4 in. x 16 in.
Thames St. at Underwood Court .....	41 ft.	4 in. x 16 in.
Thames St. at Lee Ave. ....	45 ft.	4 in. x 16 in.
Thames St. at Sharon Court .....	61 ft.	4 in. x 18 in.
Thames St. at Byrnes Court .....	25 ft.	4 in. x 16 in.
Thames St. at Dixon St. ....	31 ft.	4 in. x 16 in.
Thames St. at Narragansett Ave. ....	75 ft.	4 in. x 18 in.
Thames St. at Webster St. ....	47 ft.	4 in. x 16 in.

Thames St. at West Narragansett Ave.....	57 ft.	4 in. x 16 in.
Thames St. at Stockholm St. ....	35 ft.	4 in. x 16 in.
Thames St. at Potter St. ....	35 ft.	4 in. x 16 in.
Thames St. at Lucas Ave. ....	41 ft.	4 in. x 16 in.
Thames St. at Connection St. ....	45 ft.	4 in. x 16 in.
Thames St. at Carroll Ave. ....	25 ft.	4 in. x 18 in.
Thames St. at Coddington St. ....	51 ft.	x 16 in.
Spring St. at Moffitt Place ....	23 ft.	2 in. x 16 in.
Spring St. at Sherman St. ....	35 ft.	2 in. x 16 in.
Spring St. at Golden Hill St. ....	33 ft.	4 in. x 16 in.
Spring St. at Dennison St. ....	29 ft.	2 in. x 16 in.
Spring St. at Bowery St. ....	33 ft.	2 in. x 16 in.
Spring St. at Fountain St. ....	33 ft.	4 in. x 16 in.
Spring St. at Pope St., East Side.....	33 ft.	2 in. x 14 in.
Spring St. at Pope St., West Side.....	23 ft.	4 in. x 14 in.
Spring St. at Extension St. ....	14 ft.	8 in. x 16 in.
Spring St. at South Baptist St. ....	33 ft.	4 in. x 16 in.
Spring St. at Dearborn St. ....	49 ft.	4 in. x 16 in.
Spring St. at Holland St. ....	33 ft.	4 in. x 16 in.
Spring St. at Dean Ave. ....	35 ft.	4 in. x 18 in.
Spring St. at Lee Ave. ....	47 ft.	4 in. x 16 in.
Spring St. at Bacheller's Court ....	43 ft.	2 in. x 16 in.
Spring St. at McAllister St. ....	18 ft.	8 in. x 16 in.
Spring St. at Dixon St., East Side ....	35 ft.	4 in. x 16 in.
Spring St. at Dixon St., West Side.....	31 ft.	4 in. x 16 in.
Spring St. at Hammond St. ....	49 ft.	4 in. x 16 in.
Friendship St. at Ellwood Place.....	33 ft.	4 in. x 18 in.
Total, 194.		

## NEW DRIVEWAYS PAVED.

Mary St. at Birckheads .....	15 ft. x 3 ft. 6 in.
Mary St. at Horgans .....	12 ft. x 3 ft. 6 in.
Record St. at Channing St. ....	26 ft. x 4 ft.
Record St. at Warner St. ....	23 ft. x 4 ft.
Hall Ave. at Prescott Place.....	13 ft. x 3 ft. 6 in.
Broadway at Asylum .....	13 ft. x 13 ft.
West Broadway at "S. S. Thompson's".....	10 ft. x 3 ft.
East Bowery St. at Slocum St. ....	27 ft. x 4 ft.
East Bowery St. at Freebody St. ....	24 ft. x 4 ft.
Broadway at Carey's .....	15 ft. x 4 ft.
Levin St. at Goggin's .....	14 ft. x 4 ft.
Rhode Island Ave. at Whitehouse.....	36 ft. x 3 ft.
Spring St. at Greene Place.....	13 ft. x 1 ft. 6 in.
Barney St. at Dr. Ecroyd's.....	12 ft. x 3 ft.

## DRIVEWAYS REPAIRED.

Long Wharf at Hook & Ladder Company.....	22 ft. x 16 ft.
Broadway at P. H. Horgan's.....	15 ft. x 4 ft.
Mann Ave. at T. M. Seabury's.....	12 ft. x 3 ft.
Spring St. at R. R. Barker's.....	12 ft. x 6 ft.
Mary St. at Franklin's.....	13 ft. x 6 ft.
Spring St. at Lawton's Stable.....	12 ft. x 6 ft.
Spring St. at Lawton's Stable.....	18 ft. x 6 ft.
Spring St. at Lawton's Stable.....	14 ft. x 6 ft.
Spring St. at Lawton's Stable.....	14 ft. x 6 ft.
Spring St. at Lawton's Stable.....	12 ft. x 6 ft.
Warner St. at Channing Court.....	16 ft. x 4 ft.
Channing St. at Shepley's.....	14 ft. x 4 ft.

## REPAVING GUTTERS.

Dartmouth St. and Channing St.....	20 ft. x	4 ft.
Elm St. between Washington St. and Second St...	306 ft. x	2 ft.
Elm St. between Second St. and Third St.....	200 ft. x	2 ft.
Calvert Street .....	378 ft. x	2 ft.
Washington St. between Elm and Poplar St.....	215 ft. x	2 ft.
Washington St. between Cherry and Pine Sts.....	214 ft. x	2 ft.
Poplar St. near Washington St.....	125 ft. x	2 ft.
Warner St., near Channing Ct.....	26 ft. x	2 ft.
Sherman Street .....	50 ft. x	2 ft.
Everett Street .....	200 ft. x	2 ft.
Channing Street .....	325 ft. x	2 ft.
Bellevue Ave. by Bancroft Ave.....	250 ft. x	2 ft.
Charles St., Marlborough St. north.....	445 ft. x	3 ft.
Spruce Street .....	50 ft. x	2 ft.
Powel Avenue .....	62 ft. x	2 ft.
Bull St. from Central to Kay Sts.....	745 ft. x	2 ft.
Bull St. from Mt. Vernon to Kay Sts.....	390 ft. x	2 ft.
Mt. Vernon St. from Touro to Barney Sts.....	130 ft. x	2 ft.
Barney St., Mt. Vernon St. east.....	400 ft. x	2 ft.
Catherine St. near Gibbs Ave.....	125 ft. x	2-6 ft.
Mary St. from Thames to Spring Sts.....	1,067 ft. x	2 ft.
Mill St. from Thames to Spring Sts.....	432 ft. x	2 ft.
Mill St. from Spring St. to Bellevue Ave.....	157 ft. x	2 ft.
Prospect Hill St. from Thames to Spring Sts.....	325 ft. x	2 ft.
John Street .....	2,486 ft. x	2 ft.
Ann Street .....	440 ft. x	2 ft.
Church St. between Spring and Thames Sts.....	265 ft. x	2 ft.
Levin Street .....	632 ft. x	2 ft.
Bellevue Ave. (Reading Rooms) .....	100 ft. x	2 ft.
Bellevue Ave. from Downing St. to Bath Road....	537 ft. x	2 ft.
Bellevue Ave., Pelham St. south .....	250 ft. x	2 ft.
Bellevue Ave., Mill St. north .....	111 ft. x	2 ft.
Bellevue Ave. at Aster's .....	225 ft. x	2 ft.
Bath Road, Chapel St. to Middleton Ave.....	687 ft. x	2 ft.
Bath Road, Freebody St. south.....	50 ft. x	2 ft.
Ocean Ave. by Agassiz.....	450 ft. x	3 ft.
Broadway near Calvert St.....	125 ft. x	2 ft.

## CINDER WALKS.

Clinton Avenue .....	700 ft. x	5 ft.
Cranston Ave., Lincoln to Broadway.....	350 ft. x	7 ft.
Rhode Island Ave. (T. A. Lawton's to J. Spooner's)...	438 ft. x	6 ft.
Washington St., Bridge to Willow Sts.....	631 ft. x	8 ft.
Washington St., Elm St. to Smith's (West Side)...	215 ft. x	8 ft.
Washington St., Chestnut to Cherry Sts.....	208 ft. x	8 ft.
Lincoln St., both sides.....	824 ft. x	5 ft.
Tyler St., both sides.....	820 ft. x	5 ft.
Summer Street .....	420 ft. x	4 ft.
Whitfield Court .....	335 ft. x	4 ft.
Whitehall Street .....	360 ft. x	5 ft.
High Street .....	235 ft. x	5 ft.
School Street .....	485 ft. x	6 ft.
Warner St., opposite Pleasant St.....	100 ft. x	5 ft.

## CURBS RESET.

Elm St., Washington to Second St.....	285 ft.
Channing Street .....	245 ft.



Washington Street .....	227 ft.
Bull Street .....	317 ft.
Narragansett Avenue .....	45 ft.
Bellevue Ave., cor. Narragansett Ave.....	10 ft.
Bellevue Ave., Reading Rooms south.....	111 ft.
Bellevue Ave., Ruggles to Marine Aves.....	565 ft.
Bellevue Ave., Ledge Road west.....	1,030 ft.
Bellevue Ave., Sheppard to Ruggles Ave.....	622 ft.
Bellevue Ave., Dixon St. to Narragansett Ave.....	730 ft.
Levin Street .....	263 ft.
John Street .....	217 ft.
Farewell St. by Covell's.....	57 ft.
Broadway by T. A. Lawton's.....	14 ft.
Broadway, Bay View to Newport Aves.....	205 ft.
Broadway, Newport Ave. north.....	115 ft.
Broadway, Powel Ave. south.....	243 ft.
Mann Avenue .....	16 ft.
Earney Street .....	425 ft.
Barney Street, cor. Whitfield Court.....	15 ft.
Rhode Island Ave., Francis to Champlin Sts.....	135 ft.
Rhode Island Ave. at Whitehouse's.....	35 ft.
Division St., Touro to Mary Sts.....	720 ft.
Division St., Mary St. south.....	183 ft.
DeBlois Street .....	50 ft.
Kay St. by Dr. Stewart's.....	30 ft.
Old Beach Road .....	180 ft.
Thames St., opposite Wellington Ave.....	30 ft.
Catherine St., Fir St. east .....	270 ft.
Catherine St., east from Elizabeth St.....	100 ft.
Total .....	7,460 ft.
Total mileage, 1.4 miles.	

#### CULVERTS REPAIRED.

Eustis Avenue and Champlin Street.  
 Water Works Road and Gibbs Avenue.  
 Morton Avenue and Thames Street.  
 Ocean Avenue at Agassiz.

#### NEW CULVERT BUILT.

Freebody St. opposite Freebody Park..... 225 ft.

#### NEW CATCH BASINS BUILT.

Hunter Avenue and Champlin Street.  
 Callender Avenue and Davis Court.  
 Bath Road, foot of Hill (North Side).  
 Annandale Road and Dresser Street.  
 Berkeley Avenue, corner of Sylvan Street.  
 Water Works Road and Gibbs Avenue.  
 Houston Avenue and West Narragansett Avenue.  
 Carroll Avenue.

#### CROSSINGS REMOVED.

Marlborough Street at Cook's Stable.  
 Touro Street at Whitfield Court.  
 Touro Street at Division Street.  
 Touro Street at High Street.  
 Catherine Street at Rhode Island Avenue.  
 Bath Road at Middleton Avenue.

Bath Road at Hayden Court.  
Lake View Avenue at Bellevue Avenue.

#### CATCH BASINS AND EYES REPAIRED.

Mount Vernon Street and Touro Street.....	1
Wellington Avenue and Houston Avenue.....	1
Spring Street and Stone Street.....	1
Hall Avenue and Van Zandt Avenue.....	1
Third Street and Van Zandt Avenue.....	2
Broadway and Court House Street.....	1
Spruce Street and West Broadway.....	1
Spring Street and Narragansett Avenue.....	1
Gibbs Avenue, near Major Gibbs.....	1
Van Zandt Avenue and Congdon Avenue.....	1
Bath Road at Cliff Walk.....	1
Bridge Street, opposite Stoddard Court.....	1
Northern Lane .....	1
Young Street at No. 7 Engine House.....	1
Bliss Road and Gibbs Avenue.....	2
Weaver Avenue .....	1
Elm Street .....	1
<b>Total .....</b>	<b>19</b>

#### SEAWALLS REPAIRED.

Foot of Cherry Street .....	32 ft. x 4 ft.
Foot of Chestnut Street .....	42 ft. x 7 ft.
At Elm Street Pier .....	80 ft. x 3 ft.
At Easton's Beach .....	345 ft. x 12 ft. 6 in.
At Easton's Beach .....	384 ft. x 3 ft.

#### NEW GRANOLITHIC WALKS.

The following granolithic sidewalks were laid by the owners of abutting property, this department doing the excavating and filling in for a foundation, viz.:—

Fair Street, 60 feet, by J. A. Barker.  
Thames Street, 66 feet, by T. M. Seabury Co.  
Dean Avenue, 36 feet, by Thos. Maguire.  
Third Street, 100 feet, by J. M. Friend.  
Bellevue Avenue, 111 feet, by J. K. Sullivan.

#### GRANOLITHIC SIDEWALKS REPAIRED.

Narragansett Avenue .....	5 ft. x 5 ft.
Mann Avenue by Openshaws.....	16 ft. x 2 ft.
Franklin Street, by Butler's.....	5 ft. x 6 ft.
Spring Street, at Newton Estate.....	30 ft. x 6 ft.
Spring Street, corner of Dean Avenue.....	5 ft. x 6 ft.
Bath Road, No. 26.....	2 ft. x 3 ft.
Bath Road, No. 45.....	2 ft. x 2 ft.
Bath Road, No. 63.....	2 ft. x 4 ft.
Walnut Street, west of R. R. Bridge.....	10 ft. x 5 ft.
Walnut Street and Farewell Street.....	2 ft. x 2 ft.
Elm St., bet. Second and Washington Sts....	12 ft. x 1 ft. 6 in.
Thames St., corner Wellington St.....	18 ft. x 6 ft.
Thames St., near Dixon St.....	5 ft. x 6 ft.
Thames St., No. 467.....	6 ft. x 5 ft.
Prospect Hill St., No. 57.....	6 ft. x 4 ft.

## SIDEWALKS REPAIRED.

Thames St. No. 65, brick.....	6 ft. x	5 ft.
Thames St., No. 67, brick.....	15 ft. x	6 ft.
Thames St., No. 187, asphalt block.....	192 ft. x	5 ft.
Thames St., Prospect Hill St. to Franklin St., flag.....	57 ft. x	5 ft.
Thames St., at Perry Mill, brick.....	76 ft. x	16 ft.
Thames St., by Pinniger & Manchester's, flag.....	14 ft. x	5 ft.
Thames St., near Newton Court.....	15 ft. x	6 ft.
Bull St., brick.....	143 ft. x	2 ft.
Pelham St., No. 27, brick.....	30 ft. x	8 ft.
Pelham St., No. 99, brick.....	18 ft. x	6 ft.
Spring St., near Lawton's Stable, flag.....	50 ft. x	4 ft.
Mill St., near Thames St.....	12 ft. x	6 ft.
Bellevue Ave., near DeBlois St., brick.....	15 ft. x	12 ft.
Spring St., Sherman St. to Allan Ct., flag.....	135 ft. x	5 ft.
Washington St., cor. Poplar St., dirt.....	60 ft. x	5 ft.
Court House St., flag.....	120 ft. x	2 ft.
Division St., Touro to Franklin's, brick.....	360 ft. x	5 ft.
Division St., Touro to Mary Sts., brick & flag.....	360 ft. x	5 ft.
Division St., Mary St. south, brick.....	183 ft. x	5 ft.
Bellevue Ave., at Bennett Estate, brick.....	100 ft. x	10 ft.
Mount Vernon St., Bull St. south, brick.....	30 ft. x	6 ft.
Bellevue Ave., Church to Touro Sts., cement.....	276 ft. x	4 ft.
Church St., Bellevue Ave. west, cement.....	336 ft. x	5 ft.
Farewell St., near Covell St., flag.....	57 ft. x	8 ft.
Farewell St., cor No. Baptist St., flag.....	10 ft. x	10 ft.
Kay St., at Dr. Stewart's, cement.....	30 ft. x	2 ft.
Broadway, at Equality Park, cement.....	10 ft. x	9 ft.
Broadway, Mann Ave. south, dirt.....	243 ft. x	10 ft.
Broadway, Bedlow Ave. to Mille Corner, dirt.....	980 ft. x	7 ft.
Bath Road, at Easton Beach, asphalt blocks.....	195 ft. x	6 ft.
Old Beach Rd., Fir St. to Red Cross Ave., dirt.....	470 ft. x	4 ft.
Channing St., dirt.....	1,664 ft. x	16 ft.
William St., dirt.....	725 ft. x	5 ft.
Golden Hill St., dirt.....	250 ft. x	5 ft.
Howard St., dirt.....	430 ft. x	6 ft.
Connection St., dirt.....	750 ft. x	8 ft.
Mann Ave., dirt.....	330 ft. x	8 ft.
Pay View Ave., dirt.....	666 ft. x	6 ft.
Rhode Island Ave., near Catherine St., dirt.....	250 ft. x	7 ft.
Rhode Island Ave., Francis to Champlin St., dirt.....	70 ft. x	5 ft.
Catherine St., bet. Rhode Island and Ayrault, dirt.....	336 ft. x	8 ft.
Ayrault St., Catherine St. north, dirt.....	275 ft. x	7 ft.
Kinsley Wharf, planking.....	18 ft. x	5 ft.
Barney St., dirt.....	987 ft. x	4 ft.
Broadway, Rowel Ave. to Bliss road, dirt.....	300 ft. x	6 ft.
Broadway, Mann Ave. to Kilburn Court, dirt.....	162 ft. x	10 ft.
Bath Road, Cliff Ave. to Cliff Walk, dirt.....	705 ft. x	8 ft.
Newport Ave., Broadway west, dirt.....	120 ft. x	5 ft.
Perry St., Spring to West Sts., dirt.....	247 ft. x	5 ft.

## CLEANING CATCH BASINS.

Four men and carts are employed constantly (weather permitting) in the work of cleaning catch basins and eyeholes, and

the following is a complete list, arranged monthly, of the location and number cleaned, viz.:—

April.

Pond Ave. and W. Broadway.	1	Coddington Whf. and Thames	
Rhode Island Ave. and Broad-		St. ....	1
way .....	1	Holland St. and Thames St..	1
Broadway, opp. Davis Ct....	1	Lee Avenue .....	1
Spruce St. and W. Broadway.	3	Narragansett Ave. & Thames	
Callender Ave. and W. Broad-		St. ....	3
way .....	1	Morton Ave. & Carroll Ave..	1
Collins St. and W. Broadway.	1	Perry St. & Spring St.....	2
Eye-hole, Tilden Ave. and W.		Spring, between Dennison &	
Broadway .....	1	Brewer .....	1
Farewell St. and Walnut St..	1	Bellevue Ave. & Levin St....	2
Farewell St. and Appleby St..	1	Levin St. & Thomas St.....	1
Brown & Howards Wharf....	1	Levin St. & Spring St.....	1
Cozzens Ct. and Thames St..	1	Pelham St. & Spring St.....	1
Long Wharf and Thames St.	1	Marchant St. & Connection	
Duke St. and Marlborough St.	1	St. ....	1
Thames St. and Mary St....	1	Houston Ave. & Wellington	
Thames St. and Mill St.....	2	Ave. ....	1
Thames St. and Kinsley Whf.	1	Harrison Ave. at Dr. Clark's.	1
Thames St. and Franklin St..	1	Wellington & Marchant St...	1
Thames St. and Prospect Hill		Roseneath Ave. ....	1
St. ....	1	Division St. & Mary St.....	2
Frank St. near Thames St...	1	Touro St. & Mt. Vernon St...	1
Cannon St. and Thames St...	1	Cottage St. ....	1
Howard St. and Thames St..	2	Bath Road & Freebody St...	2
Extension St. and Thames St.	2	Bath Road & Edgar Ct.....	1
Thames St. and Dean Ave...	2	Merton Road & Middleton	
Gould St. and W. Broadway..	1	Ave. ....	1
Arnold Ave. and Broadway...	1	Bridge St. & Hammond Ct...	1
Broadway, opp. Thurston Ave.	1	Marsh St. & Second St.....	1
Caleb Earl St. and West		Elm St. & Second St.....	1
Broadway .....	1	Fountain St. & Spring St...	1
Oak St. and W. Broadway....	1	Webster St. & Thames St...	2
Burnside Ave. and W. Broad-		Harrison Ave. ....	1
way .....	1	Young St. ....	2
Warner St. and Farewell St..	1	Golden Hill St. & Spring St.	1
Farewell St. and Thames St..	1	Spring St. & William St....	1
Almy's Wharf and Thames St.	1	Dearborn St. & Spring St...	1
"Bijo." Thames St.....	1	John St. & Spring St.....	2
Marlborough St. and Thames		Mill St. & Spring St.....	1
St. ....	1	Marchant St. & Narragansett	
Touro St. and Thames St....	1	Ave. ....	1
Thames St. and West Marl-		Harrison Ave. at Batty's Hill	3
borough .....	1	Wellington Ave. ....	2
Thames St. and Church St...	1	Houston Ave. at J. H. Sulli-	
Ferry Wharf .....	1	van's .....	1
Green St. and Thames St...	1	Church St. & Spring St.....	2
Thames St. and Commercial		Touro St. & Spring St.....	1
Wharf .....	1	Touro St. & Mary St.....	1
Ferry Wharf .....	1	Chapel St. ....	1
Franklin St. and Thames St..	1	Bath Road & Middleton Ave.	2
"Armory," Thames St.....	1	Catherine St. & R. I. Ave...	1
West Howard St. and Thames		East Bowery St. & Middle-	
St. ....	1	ton Ave. ....	1

Bridge St. & Third St.....	2	Washington St. at Boller	
Bridge St. & Second St.....	1	Shop .....	1
Total number cleaned during month.....			113

## May.

Elm St. & Second St.....	1	Congdon & Van Zandt Ave..	1
Willow St. & Third St.....	1	Pond Ave. & W. Broadway..	1
Willow St. ....	1	Meeting St. & River Lane...	1
Cherry St. near R. R.....	1	River Lane & Farewell St...	1
Elm St. near R. R.....	1	Victoria Ave. & Coggeshall..	1
Elm St. & Third St.....	2	Bellevue Ave. & Balley's	
Walnut St. & Third St.....	1	Beach .....	1
Third St. & Van Zandt Ave...	1	Lake View Ave. & Ledge Rd.	1
Poplar St. near R. R.....	2	Bellevue Ave. & Ruggles Ave.	2
Washington Sq. & Thames St.	1	Bellevue Ave. & LeRoy Ave..	1
Washington Sq. & Mall.....	1	Narragansett Ave. & Clay St.	1
Marlborough St. & Farewell		Bellevue Ave. & Parker Ave.	1
St. ....	1	Bellevue Ave. & Narragan-	
Kay St. & Brinley St.....	1	sett Ave. ....	1
Ruggles Ave. & Coggeshall		Bellevue Ave. & Parker Ave.	1
Ave. ....	1	Bellevue Ave. & Perry St...	1
Ledge Road .....	1	East Bowery & Freebody St..	1
Bellevue Ave. & Rough Point	1	Bowery St. & Bellevue Ave..	1
Thames St. & Almy's Wharf.	1	King St. & Bowery St.....	1
Ruggles Ave. & Lawrence		Mann Ave. & Kay St.....	1
Ave. ....	2	Everett St. & Kay St.....	1
Narragansett Ave. at "Callen-		Rhode Island Ave. & Kay St.	3
ders" (South side).....	2	Friendship St. & Hope St...	1
Narragansett Ave. at "Callen-		Francis St. & Rhode Island	
ders" (North side).....	2	Ave. ....	1
Middleton Ave. & Berkeley		Gibbs Ave. & Catherine St..	1
Ave. ....	2	Everett St. near Francis St..	1
Bellevue Ave. & Webster St.	2	Thames & Coddington St....	1
Middleton Ave. & Parker Ave.	1	Bliss Road & Whitehall St..	1
Dixon St. near Bellevue Ave.	1	Hall Ave. ....	2
Bellevue Court .....	1	Hall Ave. & Van Zandt Ave.	2
East Bowery St. & Bellevue		Homer St. & Garfield St....	1
Ave. ....	2	Evarts St. & Brandt St.....	1
Bellevue Ave. & Downing St.	1	Gould St. & Broadway.....	1
Bellevue Ave. & Kay St....	1	Caleb Earl & W. Broadway..	1
Ayrault St. & Kay St.....	2	Callender Ave. & W. Broad-	
Cranston Ave. & Kay St....	1	way .....	1
Powel Ave. west of Hope St.	1	Burnside Ave. & W. Broad-	
Friendship St. & Gardner St.	1	way .....	1
Bath Road & Cliff Ave.....	1	Tilden Ave. & W. Broadway.	1
Gibbs Avenue .....	1	Branch St. & W. Broadway..	1
Thames & West Marlborough		Cor. Warner & Farewell St..	2
St. ....	2	Farewell St. & Braman's Ct..	1
Bradford Ave. ....	1	Thames St. & Cozzens Ct....	2
Broadway & Malbone Road..	1		
Hall Ave. & Channing St....	2		
Total number cleaned during month.....			110

## June.

Thames St. & Long Wharf..	1	Oak St. & West Broadway... 1
Mall & Touro St.....	1	Collins St. & W. Broadway.. 1
Cranston Ave. & Broadway..	1	Appleby St. & Farewell St... 1
Spruce St. & W. Broadway..	2	Marlborough St. & Broadway. 1

Thames St. & Farewell St....	1	Spring St. & Golden Hill St..	1
Thames St. & Cross St.....	2	Thames St. & Long Wharf...	1
Thames St. & West Marlbor-		William St. & Spring St.....	1
ough St. ....	2	Levin St. & Spring St.....	2
Thames St. & Touro St.....	1	Spring St. & Prospect Hill St.	1
Frasch's Ct. & Thames St....	1	Spring St. & Prospect Hill St.	1
Swinburne's Wharf & Thames		Corne St. & Pelham St.....	1
St. ....	1	Spring St. & Pelham St.....	2
Frank St. & Thames St.....	1	Spring St. & Church St.....	2
Mill St. & Thames St.....	2	Division St. & Mary St.....	2
Thames St. & Kinsley's Whf.	1	Pelham St. at Stewart's Sta-	
Pelham St. by Stewart's Sta-		ble .....	1
ble .....	1	Bellevue Ave. & Levin St...	1
Prospect Hill St. & Thames		Touro St. & High St.....	1
St. ....	1	Division St. & Touro St....	1
Franklin St. & Thames St....	2	Spring St. & Allan's Ct.....	1
Thames St. & Commercial		Spring St. & Stone St.....	1
Wharf .....	2	Broadway at City Hall.....	1
Fair St. & Thames St.....	1	Division St. & Mary St.....	1
Gidley St. near Thames St...	1	Marlborough St. & Thames	
Thames St. & Dennison St...	2	St. ....	1
Howard St. & Thames St....	2	Thames St. opp. Wellington	
Extension St. nr Thames St..	2	Ave. ....	1
Thames St. & Waites Wharf.	1	Thames St. & West Narra-	
Dearborn St. & Thames St..	1	gansett .....	1
Thames St. & Dean Ave.....	2	Carey St. ....	2
Mary St. & Thames St.....	1	Spring St. & Narragansett	
Church St. & Thames St....	1	Ave. ....	2
Frank St. near Thames St...	1	Sayer's Wharf .....	1
Ferry Wharf .....	2	Byrnes Court .....	1
Pelham St. & Thames St....	2	McAllister St. ....	1
Green St. near Thames St...	1	Bachelor's Ct. & Spring St..	1
Thames St. & Mason's Ct....	1	Lee Ave. & Spring St.....	2
Commercial Wharf .....	1	East Street .....	1
Cannon St. & Thames St.....	2	Spring St. at "McCormick's".	1
Ann St. & Thames St.....	1	Golden Hill St.....	1
Thames St. & Ann St.....	2	William St. & Thomas St...	1
Brown & Howards Wharf....	1	William St. ....	1
Pope St. & Thames St.....	1	Spring St. opp. Cannon St...	1
Thames St. & West Exten-		Spring St. & John St.....	2
sion St. ....	1	Corne & Prospect Hill St....	1
Thames St. opp. Waite's Whf.	1	Spring St. & Franklin St....	1
Holland St. & Thames St....	1	Spring St. & Mill St.....	2
Thames St. & Harrington St.	1	Spring St. & Mary St.....	2
Lee Ave. & Thames St.....	1	Touro St. & Spring St.....	2
Thames St. & Narragansett		Bellevue Ave. & Bath Road..	1
Ave. ....	2	Touro St. & Mary St.....	1
Carroll Ave. ....	2	Touro St. & Mt. Vernon St..	1
Webster St. ....	2	Barney St. & Spring St.....	2
Kingsley's Wharf .....	1	Sherman St. & Spring St....	1
Spring St. & Dixon St.....	1	Bull St. & Broadway.....	2
Freebody St. & Merton Road	1	Touro St. & School St.....	1
Bachelor's Court .....	1	West Marlborough & Thames	
Perry St. & Spring St.....	2	St. ....	2
Howard St. & Spring St.....	1	Thames St. at Old City Hall.	1
Young St. at No. 7 Engine		Thames St. & Swinburne's	
House .....	1	Wharf .....	1

W. Broadway & Edward St...	2	ard's Wharf .....	1
Bull St. & Mt. Vernon St....	2	W. Broadway & Branch St...	1
Touro St. & Division St.....	1	Touro St. & Mary St.....	1
Broadway & Farewell St....	1	Broadway & Park Place.....	1
Broadway & Gould St.....	2	Broadway & Everett St.....	1
Rhode Island Ave. & Broad-		Broadway & Marlborough St. 1	
way .....	1	Whitehall St. & Bliss Road..	1
Thurston Ave. & Broadway..	1	Ayrault St. & Broadway....	2
Oak St. & Broadway.....	1	Broadway & Cranston Ave... 1	
Gould St. & W. Broadway... 1		Calvert St. near Broadway.. 1	
Thames St. & Brown & How-			
Total number cleaned during month.....	147		

## July.

Broadway & Vernon Ave....	1	Thames St. & Waites Wharf. 1	
Broadway & Malbone Road. 1		Thames St. & Dearborn St... 1	
Warner St. & Bay View Ave.. 1		Wellington Ave. & Marchant	
Warner St. & Gould St.....	4	St. ....	2
Pond Ave. & Heath Ct.....	2	Wellington Ave. near Rose-	
Warner St. opp. Callender		neath .....	1
Ave. ....	1	Wellington Ave. & Chastel-	
Elm St. & Cross St.....	1	lux Ave. ....	1
Bridge St. & Third St.....	1	Roseneath Ave. ....	1
Boiler Shop & Washington St. 1		Houston Ave. ....	2
Spring St. & Stone St.....	1	Marchant St. & Connection	
Second St. & Elm St.....	1	St. ....	2
Third St. & Willow St.....	1	Marchant St. & Eastnor Rd. 3	
Second St. & Battery St....	1	Roseneath Ave. & Harrison	
Elm St. & R. R.....	1	Ave. ....	1
Broadway & Branch St.....	1	Bellevue Ave. & Bath Road.. 1	
Broadway & Farewell St....	1	Brinley St. & Kay St.....	2
West Broadway & Marlbor-		Coggeshall Ave. & Bellevue	
ough St. ....	1	Ave. ....	1
Broadway & Bedlow Ave....	1	Rough Point & Bellevue Ave. 1	
Broadway & Elliott Place....	1	Ruggles & Lawrence Ave....	1
Warner St. & Newport St... 1		Coggeshall & Victoria Ave... 1	
Park St. & Gould St.....	1	Webster St. & Bellevue Ave. 1	
Pond Ave. & Warner St....	1	Dixon St. ....	1
Vicksburg Place .....	1	Bellevue Ave. & Berkeley	
Bridge St. & Hammond Ct... 1		Ave. ....	1
Marsh St. & Second St.....	1	Weaver & Middleton Ave... 2	
Washington St. opp. Elm St. 1		Middleton Ave. & Merton Rd. 1	
Washington St. & Elm St... 1		Bath Road & Edgar Ct.....	1
Third St. & Elm St.....	1	Chapel St. & DeBlois St....	1
Third St. & Walnut St.....	1	W. Broadway & Branch St... 1	
Poplar St. & R. R.....	3	Washington Sq. & Charles St. 1	
Broadway at City Hall.....	1	Frasch's Ct. & Thames St... 1	
Broadway & Park Place ....	2	Frank St. & Thames St.....	1
Thames St. & Kinsley's Whf. 1		Thames St. & Commercial	
Farewell & Marlborough St. 1		Wharf .....	2
Thames St. & Marlborough		Thames St. & Brown & How-	
St. ....	2	ards Wharf .....	1
Thames St. & Coddington St. 1		Thames St. & W. Howard St. 1	
Washington Sq. & Thames St. 1		Thames St. & Coddington	
Cotton Ct. & Thames St....	1	Wharf .....	1
Ferry Wharf (North Side).. 1		Carroll Ave. & Polo Ground.. 1	
"Armory," Thames St.....	1	Wellington & Roseneath Ave. 1	
Thames St. & Dennison St.. 1		Wellington & Columbus Ave. 1	

Wellington & Houston Ave..	1	Bath Road & Freebody St...	2
Roseneath Ave. & Connection		Merton & Annandale Rd.....	1
St. ....	2	Dresser St. & Annandale Rd.	1
Houston Ave. & Connection		Narragansett Ave. at "Pin-	
St. ....	1	ards" .....	2
Eastnor Road .....	1	W. Broadway & Tilden Ave..	1
Marchant St. & Harrison Ave.	1	Thames St. & Swinburne's	
Morgan's Ct. ....	1	Wharf .....	1
Bellevue Ave. & Levin St....	1	Middleton Ave. & Berkeley	
Church St. ....	1	Ave. ....	1
Ledge Road .....	1	Ochre Point at Webster St..	2
Ledge Rd. at Lake View Ave.	1	Broadway & State House St.	
Bellevue Ave. & Ruggles Ave.	1	End of Bath Road.....	1
Coggeshall & Ruggles Ave...	1	Bath Rd. & Cliff Ave.....	1
Parker & Bellevue Ave.....	2	Ward Ave. at "Pinards"....	2
Bellevue Ave. opp. Perry St.	1	W. Broadway & Edward St..	2
Bowery St. & King St.....	1	Callender Ave. & Davis Ct...	1
Middleton & E. Bowery St...	1	Middleton Ave. & Parker Ave.	3
Bath Rd. opp. Middleton Ave.	1	Narragansett Ave. at "Chan-	
State St. & DeBlois St.....	1	dlers" .....	2
Chapel St. at "Fludders"....	1	Lawrence Ave. at Webster St.	2
Total number cleaned during month.....	139		

## August.

LeRoy Ave. & Lawrence Ave.	2	Bellevue Ave. & Kay St.....	1
Collins St. & W. Broadway..	1	Van Zandt Ave. & Hall Ave..	3
Spruce St. & W. Broadway..	1	Van Zandt Ave. & Tilley Ave.	1
Catherine St. & R. I. Ave....	1	W. Marlborough & Thames	
Old Beach Rd. & Cottage St.	2	St. ....	2
Old Beach Rd. at "Burk-		Thames St. opp W. Marlbor-	
heads" .....	1	ough .....	1
Powell Ave. ....	1	Farewell St. ....	1
Everett St. ....	1	Thames St. & Bridge St....	1
Kay St. & Everett St.....	1	Coddington St. & Bridge St.	1
Catherine St. & R. I. Ave...	1	Thames St. & Long Wharf...	1
Bellevue Ave. & Catherine St.	1	Thames St. & Washington Sq.	1
Channing St. & Hall Ave....	2	Prison St. & Washington Sq.	1
Van Zandt Ave. & Congdon		Thames St. & Mary St.....	1
Ave. ....	1	Thames St. & Church St....	1
Homer St. & Garfield St....	1	Thames St. & Mill St.....	2
Thames St. & W. Marlbor-		Ferry Wharf .....	2
ough St. ....	1	Thames St. & Prospect Hill	
Thames St. & Marlborough		St. ....	1
St. ....	1	Thames St. & Franklin St...	2
Farewell St. & River Lane...	2	Thames St. & Commercial	
Cozzens Ct. & Bridge St....	2	Wharf .....	2
Ruggles Ave. & Lawrence		Thames St. & Ann St.....	2
Ave. ....	3	Thames St. & Dennison St...	2
Burnside Ave. & W. Broad-		Young St. ....	2
way .....	1	Thames St. & W. Howard St.	2
Champlin St. & Hunter Ave..	1	Thames St. & W. Extension	
Catherine St. opp. Cottage St.	1	St. ....	1
Tew's Ct. & Old Beach Rd..	1	Thames St. & Waites Wharf.	2
Friendship & Hope St.....	1	Thames St. & Holland St...	1
Rhode Island Ave. & Kay St.	1	Dean Ave. & Thames St....	2
Kay St. & Cranston Ave....	1	Thames St. & Narragansett	
Kay St. & Ayrault St.....	2	Ave. ....	3
Catherine St. & Gibbs Ave..	1	Thames St. & Webster St....	1



Thames St. & Polo Lot.....	1	sent Ave. ....	1
Narragansett Ave. & Spring St. ....	2	Thames St. & Lucas Ave....	1
McAlister St. ....	1	Easton Rd. & Carrell Ave..	1
Spring St. & Bachelor St....	1	Linton St. & Spring St....	1
Spring St. & Howard St....	1	Bachelors Street .....	1
West Street .....	1	Spring St. & Lee Ave.....	2
Spring St. & Young St....	1	Perry St. & Spring St.....	2
William Street .....	1	Collins St. & W. Broadway..	1
John St. & Spring St....	2	Spring St. opp. "McCor-	
Pelham St. & Corne St....	1	mick's" .....	1
Thames St. & Touro St....	1	Levin St. & Spring St....	2
Charles St. & Washington Sq.	1	Prospect Hill & Corne St...	1
Thames St. & Swinburne's Wharf .....	1	Spring & Prospect Hill St...	1
Thames St. & Frisch's Ct....	1	Pelham St. & Spring St....	2
Frank Street .....	1	Church St. & Spring St....	2
Thames St. & Kinsley's Whf.	1	Mary St. & Division St....	2
Thames St. & Pelham St....	2	Mary St. & School St....	1
Golden Hill St. & Spring St..	1	Barney St. & Spring St....	2
Thames St. & Cannon St....	2	Thames St. & Swinburne's Wharf .....	1
Commercial Wharf .....	1	Spring St. & Sherman St....	2
"Armory," Thames St....	1	Broadway & Farewell St....	1
Thames St. & Brown & Howard's Wharf .....	1	Broadway & Branch St....	1
Thames St. & Howard St....	2	Broadway at City Hall.....	1
Thames St. & Pope St....	1	Mill St. & Spring St....	2
Extension St. ....	1	Mary St. & Church St....	1
Thames St. & Dearborn St...	1	Mary St. & Touro St....	1
Thames St. & Harrington St.	1	Touro St. & Spring St....	2
Thames St. opp Wellington Ave. ....	1	Touro & Mt. Vernon St....	1
Thames St. & W. Narragan-		Division St. & Touro St....	1
Ave. ....	1	Spring St. & Stone St....	1
Total number cleaned during month.....	154	Broadway & Court House St.	1
		Broadway & Bull St....	2

## September.

Thames St. & W. Marlborough St. ....	2	Thames St. & Coddington St.	1
Thames St. & Bridge St....	1	Thames St. & Franklin St...	1
Thames St. & Washington Sq.	1	Duke Street .....	1
Thames St. & Cozzens Ct....	1	Thames St. & Touro St....	1
Thames St. at Old City Hall.	1	Thames St. & Swinburne's Wharf .....	1
Mall & Touro St....	1	Thames St. & Mary St....	1
Thames St. & Frisch's Ct....	1	Thames St. & Mill St....	2
Thames St. & Church St....	1	Frank Street .....	1
Frank St. near Thames St...	1	Green Street .....	1
Ferry Wharf .....	2	Commercial Wharf & Thames St. ....	1
Commercial Wharf .....	1	Thames St. & Prospect Hill St. ....	1
Thames St. & Cannon St....	2	Thames St. & Ann St....	1
Thames St. & Fair St....	1	Thames St. & Brown & How-	
Thames St. & Dennison St...	2	ards Wharf .....	1
Thames St. & Howard St...	1	Thames St. & W. Howard St.	1
Thames St. & Pope St....	1	Thames St. & Extension St..	1
Thames St. & W. Extension St. ....	1	Thames St. & Dearborn St..	1
Extension St. ....	1	Gidley Street .....	1
Thames St. & Marlborough St. ....	1	Thames St. & Holland St....	1

Thames St. & Harrington St.	1	Thames St. & Lee Ave.....	1
Dean Avenue .....	2	Thames St. & Narragansett Ave. ....	2
Thames St. & W. Narragansett Ave. ....	1	Carey St. & Thames St.....	1
Thames St. & Lucas Ave.....	1	Carey Street .....	2
Spring St. & Dixon St.....	1	Dearborn & Spring St.....	2
McAllister St. ....	1	Spring St. & Bowery St....	2
Spring St. & Golden Hill St.	1	Spring St. & William St.....	2
William St. ....	1	Spring St. & Levin St.....	2
Spring St. & John St.....	2	Pelham St. & Corne St.....	1
Prospect Hill St. & Corne St.	1	Prospect Hill St. & Spring St.	1
Pelham St. & Spring St.....	2	Mill St. & Spring St.....	2
Spring St. & Church St.....	2	Spring St. & Touro St.....	2
Spring St. & Mary St.....	1	Division St. & Mary St.....	1
Division St. & Touro St.....	1	Mt. Vernon St. & Touro St..	1
Bellevue Ave. & Bath Road..	1	Bellevue Ave. & Levin St....	1
Touro St. & Mary St.....	1	Touro St. & High St.....	1
Touro St. & School St.....	1	Thames St. & West Marlborough St. ....	2
Spring St. & Barney St.....	2	Spring St. & Sherman St....	2
Bull St. & Broadway.....	2	Thames St. & Swinburne's Wharf .....	1
Farewell St. & Marlborough St. ....	2	Bull St. & Mt. Vernon St....	2
Broadway & Mann Ave.....	2	Broadway & Kilburn Ct....	1
Broadway & Ayrault St.....	2	Broadway & Everett St.....	1
Broadway & Oak St.....	1	Broadway at Equality Park..	1
Broadway & Gould St.....	1	Broadway & Cranston Ave..	1
Broadway & R. I. Ave.....	1	Broadway & Malbone Road..	1
Bliss Road & Whitehall St..	1	Broadway & Summer St....	2
Broadway & Vernon Ave....	1	Warner St. & Gould St.....	4
Warner St. & Bay View Ave.	1	Warner St. & Newport Ave..	1
Channing St. & Hall Ave....	1		
Thames St. & Dean Ave....	1		
Total number cleaned during month..... 124			

## October.

Hall Ave. & Channing St....	1	Bellevue Ave. at turn.....	1
Homer St. & Garfield St....	1	Bellevue Ave. & Webster St.	1
Van Zandt Ave. & Tilley Ave.	2	Bellevue Ave. & Catherine St.	1
Warner St. & Farewell St...	1	Bellevue Ave. & Bowery St..	1
Appleby St. & Farewell St..	1	Church St. at Hack Stand....	1
No. Baptist & Farewell St..	1	Bellevue Ave. & Parker Ave.	2
Elm St. & Third St.....	2	Bellevue Ave. & Webster St.	1
Marsh St. & Second St.....	2	Ward Ave. ....	2
Washington St. & Elm St...	2	Narragansett Ave. opposite "Reeves" .....	1
Thames St. & Swinburne's Wharf .....	1	At Forty Steps.....	1
Third St. & Willow St.....	1	Leroy Ave. & Lawrence Ave.	2
Cottage St. & Old Beach Rd.	2	Hall Ave. & Van Zandt Ave..	3
Battery St. & Second St.....	1	Van Zandt & Congdon Ave...	1
Elm St. near Fourth St.....	1	Warner St. opp. Callender Ave. ....	1
Harrison Ave. at "Auchincloss" .....	2	Thames St. & Farewell St...	1
Harrison Avenue at "Dr. Clarke's" .....	1	Walnut St. & Farewell St...	1
Wellington Ave. ....	1	Poplar St. & R. R. ....	1
Wellington Ave. & Houston Ave. ....	2	Marsh St. & Third St.....	1
Lake View Ave. & Ledge Rd.	1	Bridge St. & Stoddard Ct....	1
		Second St. & Elm St.....	2
		Bridge St. & Secnd St.....	2

Washington St. at Boiler Shop	1	Spruce St. & W. Broadway...	1
Van Zandt Ave. & Third St..	1	Pond Ave. & W. Broadway...	1
Cherry St. near R. R.....	1	Broadway & Mann Ave.....	1
Harrison Ave. at Ridge Rd...	1	Pond Ave. & Heath Ct.....	2
Harrison Ave. at Fort Rd....	3	Bath Road & Middleton Ave.	2
Halidon Hill .....	1	Thames St. & Brown & How-	
Wellington Ave. & Columbus		ards Wharf .....	1
Ave. ....	1	Middleton & Weaver Ave....	1
Simmons St. & Marchant St..	1	Annandale Rd. & Dresser St.	2
Ledge Road .....	1	Annadale Rd. opp "Corrigans"	1
Bellevue Ave. at LeRoy Ave.	1	At Beach .....	1
Bellevue Ave. & Kay St....	1	Champlin St. & Hunter Ave.	1
Bellevue Ave. & Downing St.	1	Ochre Point & Webster St..	1
Bellevue Ave. & East Bowery	1	Ruggles Ave. at Ochre Point.	1
Bellevue Ave. opp. Perry St..	1	Coggeshall & Ruggles Ave...	1
Bellevue Ave. & Narragansett		Freebody St. & Bath Rd....	2
Ave. ....	1	Branch St. & W. Broadway..	1
Dixon St. ....	1	Tilden Ave. & W. Broadway..	1
Narragansett Ave. opp "Shel-		Collins St. & W. Broadway...	1
don's" .....	2	Oak St. & W. Broadway....	1
Bellevue Court .....	1	Caleb Earl & W. Broadway..	1
Webster St. & Lawrence Ave.	2	Thames St. & Spring Wharf.	1
Sheppard & Lawrence Ave..	2	Callender Ave. & Davis Ct...	1
Ruggles Ave. & Lawrence		Bath Rd. & Edgar Ct.....	1
Ave. ....	4	Pelham St. & Spring St.....	1
Ruggles Ave. at "Kernochans"	1	Middleton Ave. & E. Bowery	
Halidon Hill .....	1	St. ....	1
Victoria & Coggeshall Ave..	1	Middleton Ave. & Merton Rd.	1
Marlborough & W. Broadway	2	Annandale & Merton Rd....	1
Edward St. & W. Broadway.	2	Bath Rd. & Cliff Ave.....	1
Burnside Ave. & W. Broadway	1	Catherine St. & Gibbs Ave...	1
Callender Ave. & W. Broad-		Francis St. & R. I. Ave.....	1
way .....	1		
Total number cleaned during month.....	130		

## November.

R. I. Ave. & Kay St.....	3	King St. & Bowery St.....	1
Kay St. & Ayrault St.....	2	Young Street .....	1
Everett Street .....	1	Spring St. & Golden Hill St..	1
Powell Avenue .....	1	Spring St. & William St....	1
Brinley St. & Kay St.....	2	Spring St. opp. Cannon St...	1
Tews Ct. & Old Beach Rd...	1	Corne St. & Prospect Hill St.	1
Spring St. & Levin St.....	2	Spring St. & Mill St.....	2
Thames St. & Marlborough St.	1	Spring St. & Mary St.....	1
Broadway & Everett St....	1	Touro St. & Mary St.....	1
Hope St. & Friendship St...	1	Touro St. & Division St.....	1
Everett St. & Kay St.....	2	Touro St. & Spring St.....	2
Mann Ave. & Kay St.....	1	Spring St. & Allens Ct.....	1
W. Broadway & Branch St...	1	Broadway & Bull St.....	2
Catherine St. opp Cottage St.	1	Mt. Vernon St. & Sherman St.	1
State St. & DeBlois St.....	1	Broadway & Court House St.	2
Spring St. & John St.....	1	Thames St. at Old City Hall.	1
Broadway & Oak St.....	1	Thames St. & Touro St....	1
Broadway & Cranston Ave...	1	Washington Square .....	1
Broadway & Gould St.....	1	Thames St. & Swinburne's	
Chapel St. & DeBlois St....	1	Wharf .....	1
Spring St. & Dixon St.....	1	Washington Sq. & Prison St.	1
Spring St. & Bowery St.....	2	Mann Ave. & Broadway....	1

R. I. Ave. & Broadway.....	1	Marlborough St. & Broadway	1
Broadway & Whitehall St...	2	Pond Ave. & W. Broadway...	1
Bradford Ave. ....	1	Broadway & Thurston Ave...	1
Newport Ave. & Warner St..	1	Bliss Rd. & Whitehall St....	1
Hall Ave. & Van Zandt Ave..	3	Gould St. & Warner St.....	4
Chapel Street .....	1	Channing St. & Hall Ave....	2
Spring St. & Narragansett		Homer St. & Garfield St....	1
...Ave. ....	2	Evarts St. & Brandt St.....	1
Spring St. & Bacheliers Ct...	1	Farewell Street .....	1
Spring St. & Perry St.....	2	Farewell St. & Appleby St...	1
Spring St. & Young St.....	1	Thames St. & Cozzens Ct....	1
Spring St. opp. "McCormicks"	1	Thames St. & Swinburne St..	1
Golden Hill St.....	1	Thames St. & Coddington St..	1
William Street .....	1	Thames St. opp. Marlborough	
Spring St. & John St.....	1	St. ....	1
Corne St. & Pelham St.....	2	Thames St. & Mary St.....	1
Spring St. & Church St.....	2	Ferry Wharf .....	2
Division St. & Mary St.....	2	Mill Street .....	1
Touro St. & Mt. Vernon St...	1	Farewell St. & Walnut St....	1
Touro St. & School St.....	1	Farewell St. & Thames St...	1
Spring St. & Barney St.....	2	Thames St. & W. Marlbor-	
Spring St. & Sherman St....	2	ough St. ....	3
Mt. Vernon St. Bull St.....	2	Thames St. & Bridge St.....	1
Broadway & Farewell St....	1	No. Baptist & Charles St....	1
Marlborough & Farewell St..	2	Thames St. & Marlborough St.	1
Thames St. & Washington Sq.	1	Thames St. & Frasc's Ct... 1	
Touro St. & Washington Sq..		Frank Street .....	1
Thames St. & Church St.....	1	Thames St. & Mill St.....	2
Touro St. & Spring St.....	1		
Total number cleaned during month..... 128			
December.			
Thames St. & Kinsley Whf..	1	Mason Court .....	1
Pelham St. (Stewart's Stable)	1	Thames St. & Swinburne's	
Green Street .....	1	Wharf .....	1
Thames St. & Prospect Hill		Thames St. & Franklin St...	2
St. ....	1	Commercial Wharf .....	1
Thames St. & Commercial		Thames St. & Ann St.....	1
Wharf .....	2	Thames St. & Brown & How-	
Thames St. & Cannon St....	2	ard's Wharf .....	1
Thames St. & State Armory.	1	Thames St. & W. Howard St..	1
Thames St. & Dennison St...	2	Thames St. & Waites Wharf.	1
Thames St. & Howard St....	2	Thames St. & Dearborn St...	1
Thames St. opp. Waites Whf.	1	Extension Street .....	1
Spring St. & Levin St.....	2	Thames St. & Extension St..	1
Thames St. & Pope St.....	1	Thames St. & Harrington St.	1
Thames St. & W. Extension		Thames St. & Narragansett	
St. ....	1	Ave. ....	2
Dean Avenue .....	1	Thames St. opp. Wellington	
Thames St. & W. Narragan-		Ave. ....	1
sett Ave. ....	1	Carey Street .....	2
Thames St. & Lee Ave.....	1	Thames St. & Carey St.....	1
Webster Street .....	2	Thames St. & Lucas Ave....	1
Thames St. & Pelham St....	2	Eastnor Rd. & Carroll Ave..	1
Total number cleaned during month..... 47			

**Totals.**

<b>April</b> .....	<b>113</b>
<b>May</b> .....	<b>110</b>
<b>June</b> .....	<b>147</b>
<b>July</b> .....	<b>139</b>
<b>August</b> .....	<b>154</b>
<b>September</b> .....	<b>124</b>
<b>October</b> .....	<b>130</b>
<b>November</b> .....	<b>128</b>
<b>December</b> .....	<b>47</b>
<hr/>	
<b>Total number cleaned</b> .....	<b>1,092</b>

**STREET AND HIGHWAY DEPARTMENT.**

**Hay  
Oats  
Straw  
Bran  
Salt  
Oil**

# **INVENTORY OF PROPERTY BELONGING TO THE HIGHWAY DEPARTMENT.**

## **Office.**

1 Victor safe .....	\$150.00
1 iron safe (City Yard Office, Long Wharf)...	25.00
1 iron safe (loaned to License Commissioners)	140.00
Furniture, clock, stoves, desk, cotypepress, etc.	55.00
1 engineer's transit .....	250.00
1 set engineer's drafting instruments.....	5.50
1 plummet lamp .....	5.00
1 exploding battery .....	25.00
1 engineer's level and rod.....	50.00

**\$736.50**

## **Wharf and Stable.**

1 Fairbanks scale .....	\$50.00
10 horses .....	1,800.00
3 stone wagons .....	350.00
4 dump carts .....	80.00
2 two-horse steel dump carts.....	365.00
1 two-horse steel dump cart (old).....	25.00
3 one-horse steel dump carts.....	450.00
1 double gear .....	75.00
1 single gear .....	50.00
1 express wagon .....	120.00
1 street sweeper .....	50.00
1 two-horse roller .....	200.00
13 one-horse watering carts .....	2,275.00
9 two-horse watering carts .....	2,700.00
4 sets double harness .....	200.00
4 sets cart harness .....	20.00
4 sets single wagon harness.....	20.00
12 waterproof covers .....	9.00
15 woolen blankets .....	15.00
10 Baker blankets .....	10.00
9 stable forks .....	4.50
2 wagon jacks .....	1.00
1 carriage jack .....	50
3 steam road rollers .....	9,000.00
2 stone trucks .....	20.00
2 patrol wagons .....	4.00
6 iron wheelbarrows .....	42.00
2 wooden wheelbarrows .....	3.00
2 lawn mowers .....	5.00
1 derrick, complete .....	150.00
1 controlling nozzle and pipe.....	10.00
6 spanner wrenches .....	2.50
9 hydrant wrenches .....	9.00
2 ship pumps and hose (50 ft.).....	75.00
57 lanterns and globes .....	28.50
3 gravel screens .....	18.00
1 tree pruner .....	1.00
9 ice picks .....	2.25
1 cast iron stove .....	8.00
3 jack screws .....	6.00
1 asphalt pot .....	3.00
2 Babbitt pots .....	2.00

1 asphalt repair plant and tools, complete....	400.00
6 asphalt maddocks .....	6.00
3 3-inch augers .....	15.00
6 small augers .....	3.00
1 set bits .....	2.00
1 breast drill .....	2.00
4 crosscut saws .....	6.00
3 bit stocks .....	6.00
10 hand saws .....	5.00
1 wood saw .....	1.00
1 hack saw .....	1.50
4 straight edges .....	4.00
2 plows .....	15.00
2 stone axes .....	3.00
50 cutting tools .....	5.00
8 hand drills .....	4.00
26 iron bars .....	26.00
18 tampers .....	18.00
4 iron pounders .....	4.00
60 iron pins .....	15.00
600 pounds steel .....	51.50
8 striking hammers .....	12.00
21 sledges .....	31.50
2 anvils .....	10.00
6 paving pounders .....	5.00
8 picks .....	4.00
7 levels .....	3.50
6 trench braces .....	18.00
4 maddocks .....	2.00
3 iron rakes .....	2.25
6 scoop shovels .....	6.00
2 tape measures .....	1.00
1 steel tape measure .....	10.00
25 guard pins and ropes .....	5.00
2 manhole guards .....	5.00
1 hydrant valve .....	2.00
4 tool boxes .....	15.00
3 sets blocks and falls .....	15.00
6 9 Stilson wrenches .....	9.00
10 monkey wrenches .....	5.00
2 pair chain tongs .....	12.00
1 bolt cutter .....	50
3 bench vises .....	12.00
1 flush tank .....	30.00
2 24-inch manhole grates and rims.....	17.00
4 24-inch manhole covers and rims.....	37.00
4 light iron covers .....	4.00
3 heavy iron covers .....	6.00
82 long handle shovels .....	82.00
34 short handle shovels .....	34.00
1 stone roller .....	25.00
6 large axes .....	9.00
2 small axes .....	2.00
5 ox chains .....	5.00
6 spades .....	6.00
4 scythes and blades .....	6.00
3 squares .....	3.00
1 trowel .....	50



2 smoothing trowels .....	1.50	
1 pair trimming shears .....	1.50	
10 palls .....	1.00	
7 iron palls .....	7.00	
2 step ladders .....	2.00	
2 pair horse clippers .....	4.00	
2 jointers (granolithic tools) .....	2.60	
1 emery wheel .....	6.50	
7 pair rubber boots .....	35.00	
1 set wood chisels .....	11.00	
3 planes .....	6.25	
4 screw drivers .....	5.00	
1 set dies and taps .....	17.25	
1 bevel .....	1.50	
1 pipe cutter .....	1.50	
1 painter's torch .....	1.50	
2 sets stencils .....	3.35	
2 hatchets .....	1.00	
3 50 gallon oil cans .....	17.85	
2 funnels .....	50	
2 ½ gallon measures .....	1.00	
1 blacksmith portable forge .....	12.60	
1 pair snips .....	2.50	
3 muzzles .....	5.00	
1 set sewer cleaning rods and fittings .....	65.00	
150 feet ½-inch rubber hose .....	15.00	
1 soldering iron .....	1.50	
1 ratchet drill and 13 drills .....	18.00	
2 iron clamps .....	1.00	
1 drawing knife .....	1.00	
2 extension bits .....	1.25	
1 Norton jack (15 tons) .....	48.00	
1 extension ladder (30 feet) .....	3.00	
1 ladder (18 feet) .....	3.00	
1 upright self-feeding drill .....	29.00	
		<b>\$19,649.15</b>

**Settling Tank.**

1 centrifugal pump and fittings .....	\$300.00	
1 hoisting engine .....	300.00	
1 boiler .....	365.00	
		<b>\$965.00</b>

**Quarry.**

2 crushers, engine and boiler .....	\$4,500.00	
1 Fairbanks scales .....	175.00	
1 bellows .....	15.00	
2 vises .....	10.00	
1 anvil .....	7.00	
1 chain fall .....	10.00	
1 clock .....	4.50	
1 McKiernan steam drill and fittings .....	296.00	
		<b>\$5,017.50</b>

**Ocean Avenue**

1 steam boiler, pump and tanks .....	\$500.00	500.00
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**Bailey's Beach.**

1 pump, tank and windmill .....	\$200.00	200.00
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**Collins Beach.**

1 steam pump, boiler and tank.....	\$500.00	500.00
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**Long Wharf.**

1 steam boiler, pump and tank.....	\$300.00	300.00
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		<u>\$27,868.15</u>
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**STATEMENT OF CASH RECEIVED AND DEPOSITED WITH  
THE CITY TREASURER DURING THE MUNI-  
CIPAL YEAR OF 1907.**

<b>General Fund.</b>	<b>Labor .....</b>	<b>\$114.09</b>
Wharfage .....	Use steam road roller..	46.22
Weighing .....	Use horse roller.....	3.00
Permits .....	Use pumps .....	71.00
Street sweepings .....	Received from Touro	
Outstanding accounts..	Street Fund .....	542.65
Miscellaneous .....	Received from Park	
One horse .....	Commission .....	346.09
One grey mare.....	Donation for Dustoline.	200.00
Deposited by Mr. Ham-	Applying Dustoline (J.	
ilton .....	K. S.) .....	27.63
	Applying Dustoline	
	(Hall & Lyon Co.)..	50.00
		<u>\$2,252.08</u>
<b>Highway Department Fund.</b>		
Materials .....		<u>\$1,516.57</u>

**RECEIPTS AND EXPENDITURES ON STREETS AND HIGH-  
WAYS FOR THE MUNICIPAL YEAR OF 1907.**

**Receipts.**

To appropriation .....	\$3,700.00
To Appropriation .....	102,396.00
To cash received and deposited with the City Treasurer to the credit of the Highway Fund, as per above statement .....	1,516.57
To transfer of amount deposited with the City Treasurer to the credit of the General Fund from January 1 to November 1, 1907, as per resolution of the Repre- sentative Council, passed December 13, 1907.....	1,838.48
	<u>\$109,451.05</u>

**Disbursements.**

By paid for labor .....	\$86,098.34
By paid for materials .....	19,130.52
By balance unexpended .....	4,222.19
	<u>\$109,451.05</u>

**SUMMARY OF EXPENDITURES ON STREETS AND HIGHWAYS FOR THE MUNICIPAL YEAR OF 1907.**

	Labor.	Materials.	Total.
Cleaning streets .....	\$15,468.57	\$243.26	\$15,711.83
Cleaning Thames Street .....	4,088.34	407.29	4,495.63
Cleaning Spring Street .....	1,623.95	37.15	1,661.10
Cleaning Broadway and Washington Square .....	1,299.87	57.49	1,357.36
Cleaning Long Wharf .....	835.36	40.04	875.40
Catch basins, clean, repair and build .....	2,688.38	735.22	3,423.60
Quarry and Crusher, crushed stone on hand at Quarry....	1,761.68	493.73	2,255.41
Watering streets .....	9,686.11	944.78	10,630.89
Applying of Dustoline.....	77.79	1,800.57	1,878.36
Collection and disposal of city garbage .....	6,697.58	28.23	6,725.81
Measuring streets .....	61.75		61.75
General repairs to streets....	2,980.25	1,109.88	4,090.13
General repairs to sidewalks...	1,421.84	646.55	2,068.39
Removal of snow and ice.....	3,654.42	432.74	4,087.16
Thames St. repairs.....	272.45	670.89	943.34
Spring St. pavement repairs...		33.75	33.75
Broadway repairs .....	87.80	49.93	137.73
Washington Sq. repairs .....	5.97	6.42	12.39
Bellevue Ave. repairs.....	452.73	192.49	645.22
Ocean Ave. repairs.....	143.73	62.75	206.48
Ridge Road repairs.....	53.29	18.41	71.70
Harrison Ave. repairs.....	144.86	50.58	195.44
Bateman Ave. repairs.....	393.42	62.48	455.90
Kay St. repairs.....	270.16	253.88	524.04
Kay St. Boulevard repairs....	119.05	15.32	134.37
Pelham St. repairs, Spring to Bellevue Ave. ....	256.12	177.21	433.33
Malbone Road repairs, Bedlow Ave. north .....	361.30		361.30
Bath Road repairs, Bellevue Ave. to "Beach".....	711.88	212.45	924.33
Ruggles Ave. repairs, "Kernochans" to Ochre Point Ave....	112.96	35.39	148.35
Congdon Ave. repairs.....	49.26	46.23	95.49
Broadway re-macadamize, Equality Park Place to Bliss Rd	828.90	250.42	1,079.32
Bellevue Ave. re-macadamize, Perry to Bowery Sts .....	388.71	143.75	532.46
Malbone Road re-macadamize, Broadway to Bedlow Ave....	1,389.92	318.04	1,407.96
Bull St. re-macadamize.....	420.95	205.93	626.88
Lake View Ave. re-macadamize, Bellevue Ave. to Ledge Rd..	217.42	57.93	163.66
Mary Street re-macadamize, Thames to Clarke.....	105.73	57.93	163.66
Anthony St. re-macadamize....	132.68	41.23	173.91
Water Works Road re-macadamize .....	1,469.35	422.94	1,892.29
Lincoln St. re-macadamize....	189.23	50.51	239.74
Friendship Pl. re-macadamize..	160.67	47.80	208.47

	Labor.	Materials.	Total.
High St. re-macadamize, Mary to Church Sts.....	139.76	43.12	182.88
Channing St. re-macadamize...	632.51	190.50	823.01
Dixon St. re-macadamize, Bellevue Ave. to Spring St.....	166.73	47.66	214.39
Barker's" .....	3.00	.79	3.79
Catherine St. re-macadamize, Rhode Island Ave. to Bellevue Ave.....	836.99	241.10	1,078.09
John St. re-macadamize.....	454.93	202.47	657.40
Bellevue Ave. Tarvia, Kay to Perry Sts. ....	383.19	804.19	1,187.38
Bull St. Tarvia.....	81.58	181.40	262.98
Old Beach Rd. Hill Tarvia.....	39.41	61.76	101.17
Bellevue Ave. re-set curb.....	496.27	13.57	509.84
Kay St. re-set curb.....	16.40	1.35	17.75
DeBlois St. re-set curb.....	9.75		9.75
Elm St. re-set curb, south side, Second to Washington Sts...	85.75	16.47	102.22
Rhode Island Ave. re-set curb, east side, opp. Francis St....	16.82	4.57	21.39
Broadway re-set curb, east side, between Rhode Island Ave. and Cranston St. ....	8.57	1.62	10.19
Division St. re-set curb.....	182.20	33.61	215.81
Thames St. re-set curb, opp. Wellington Ave. ....	12.37	2.57	14.94
Broadway re-set curb (Taggart Estate) .....	51.43	14.07	65.50
Barney St. re-set curb.....	128.23	24.03	152.26
Broadway re-set curb, east side, Powel Ave. south.....	65.61	17.11	82.72
John St. relay gutter and re-set curb .....	366.42	65.80	432.22
Old Beach Road, re-set curb...	42.94	6.20	49.14
Bull St., relay gutter.....	61.37	6.99	68.36
Farewell St., re-set curb, etc. (Covell Estate) .....	18.75	1.25	20.00
Bull St., re-set curb.....	64.68	6.99	71.67
Channing St., re-set curb.....	109.88	21.39	131.27
Bellevue Ave., curb, west side, from Newport Reading Room south .....	64.13	5.42	69.55
Barney St., corner Whitfield Court, curb .....	20.00	4.99	24.99
Levin St., re-set curb.....	94.42	4.06	98.48
Catherine St., re-set curb, etc..	59.48	2.76	62.24
Washington, cor. Elm St., re-set curb .....	6.33	1.86	8.19
Narragansett, corner Bellevue Ave., re-set curb.....	16.24	4.27	20.51
Mary St., driveway at "Franklin's Bakery" .....	10.45	2.03	12.48
Spring St., driveway at "R. R. Barker's" .....	3.00	.79	3.79
Slocum St., driveway at East Bowery St. ....	17.60	2.67	20.27

	Labor.	Materials.	Total.
Freebody St., driveway at East Bowery St. ....	21.26	6.39	27.65
Record St., driveways .....	37.25	4.07	41.32
Broadway, driveway at "City Asylum" .....	33.75	7.36	41.11
Relaying crossings .....	3,163.46	1,172.93	4,336.39
Relaying gutters .....	962.14	101.77	1,063.91
Freebody St., west side, gutter and culvert .....	167.90	16.80	184.70
Ellwood Place and Friendship St., curb and crossing.....	36.31	10.60	46.91
Washington Sq., crossing at Thames St. ....	73.94	151.59	225.53
Long Wharf, driveway at "Hook & Ladder Co.".....	13.19	1.93	15.12
Green Place and Spring St., driveway, close driveways and repair sidewalk.....	41.41	10.68	52.09
West Marlborough St., crossing at Railroad station .....	63.02	15.15	78.17
Prescott Hall, driveway at Hall Ave. ....	10.91	2.27	13.18
Birkhead Place, driveway at Mary St. ....	7.51	2.81	10.32
Horgan Place, driveway at Mary St. ....	14.88	1.37	16.25
Mann Ave., replace curb in driveway .....	21.02	2.81	23.83
Touro St., repair roadbed, repair gutters, relay crossings, etc. ....	318.99	223.66	542.65
Charged to abutters.....	173.76	67.75	241.51
Elm St., crossing at Railroad..		40.19	40.19
Briggs Wharf, repairing wharf wall .....	330.00	137.85	469.85
Collins' Beach Watering Station	87.63	158.41	246.04
Easton's Beach, cleaning roadbed, cutting grass plot, repairing seawall, sidewalk, and repair and paint fence.....	414.17	47.81	461.98
Forty Steps, repair .....	6.75	7.16	13.91
Heath Court, building barricade, filling cellar, etc.....	13.16	8.46	21.62
Building shed and fence at City Wharf .....		165.00	165.00
Roller House, building chimney	13.75	11.22	24.97
Steam drill and fittings for City Quarry .....	1.50	294.45	295.95
Purchase of two horses.....		500.00	500.00
Long Wharf, painting fence....	4.50		4.50
Long Wharf floats, hauling and setting pile.....	6.00		6.00
Trimming and removal of trees	138.12	12.87	150.99
Cleaning main sewers .....	2,153.31	92.13	2,245.44
Repairing sewers and culverts.	323.19	67.02	390.21
Cleaning settling tank .....	2.90	1.35	4.25

	Labor.	Materials.	Total.
Van Zandt Ave., sewer extension .....	24.01	52.52	76.53
Cherry St., repairing seawall...	55.71	16.08	71.79
Chestnut St., repairing seawall.	9.98	.67	10.65
Burial Ground, furnishing crushed stone .....	8.19	3.45	11.64
Repairing fountains .....	65.17	36.06	101.23
Rolling lawn in front of City Hall .....	2.00		2.00
Ann and Elm St. Pier, repairs.	17.38	302.27	319.65
Applying Westrumite .....	4.61	1.35	5.96
Street signs .....		1.75	1.75
Kinsley's Wharf, repairing plank walk .....	2.50	3.51	6.01
Van Zandt Ave. bridge, repairs.	126.45	22.69	149.14
King Park, building catchbasin.	80.45	7.98	88.43
Easton's Beach Bridge, repairs.	3.12	2.79	5.91
Ocean Ave., near Graves Point, building temporary fence to protect public travel .....	17.52	4.42	21.94
King Park, filling pier.....	173.75	21.87	195.62
King Park Pier, repairs.....	118.55	31.92	150.47
Office .....	1,058.47	111.45	1,169.92
City Wharf .....	674.68	154.54	829.22
Materials on hand.....		333.96	333.96
Miscellaneous .....		216.31	216.31
Main sewer outlet, repairs....	2,399.62	937.96	3,337.58
Pelham St. Sewer, Spring St., east .....	516.49	324.33	840.82
Clinton St., sewer extension...	290.89	237.86	528.75
Dredging harbor .....	4,681.07		4,681.07
	<u>\$86,398.34</u>	<u>\$19,130.52</u>	<u>\$105,228.86</u>

DETAIL OF EXPENDITURES ON STREETS AND HIGHWAYS  
FOR THE MUNICIPAL YEAR OF 1907.

January.

1. Alex N. Barker & Co., cement, etc.....	\$10.41
2. Chas. S. Goddard, repairs to watering carts.....	4.25
3. Perrin, Seamans & Co., handles.....	5.49
4. Geo. A. Weaver Co., scoop.....	1.35
5. Daniel Beard, shoeing .....	3.82
6. Geo. W. Callahan, shoeing .....	4.25
7. Peter F. Clark & Co., shoeing.....	7.00
8. John E. Leddy, shoeing.....	3.50
9. Shreenan & Sullivan, shoeing.....	5.63
10. Dennis Shanahan, forage.....	66.39
11. Henry H. Lawton, stable supplies.....	5.00
12. O. R. Braman, repairing harness.....	1.46
13. G. H. Bloom, repairing watering cart.....	6.80
14. Municipal Journal, subscription.....	3.00
15. Wm. B. Scott & Co., supplies.....	1.10
16. Patrick H. Welch, garbage.....	48.00
17. James J. Dugan, garbage.....	324.52
18. Wm. K. Covell, supplies.....	1.99
19. Ralph R. Barker, glass and putty .....	.25

20.	Wm. A. Maher, repairing watering cart.....	4.00
21.	D. J. Sullivan & Co., fuel.....	19.04
22.	G. F. King, labor at dump.....	54.00
23.	S. G. Payne, labor at dump.....	54.00
24.	H. L. Marsh & Co., forage.....	140.81
25.	J. B. Bacheller, repairing watering cart.....	11.95
	Pay roll .....	1,573.11
		<hr/>
		\$2,361.12

## February.

26.	Taylor Iron & Steel Co., steel concaves, etc.....	\$185.00
27.	Dr. F. de M. Bertram, vet. services.....	7.00
28.	The Milne Printery, garbage regulations.....	17.00
29.	Patrick H. Welch garbage.....	5.33
30.	James J. Dugan, garbage.....	396.63
31.	Geo. T. King, labor at dump.....	48.00
32.	Edward Warren, labor at dump.....	48.00
33.	Ward Printing Co., printing.....	12.75
34.	Chas. E. Spooner, forage.....	110.27
35.	The Congdon & Carpenter Co.....	9.37
36.	Wm. F. Gratrix, repairing harness.....	1.90
37.	Newport Coal Co., fuel .....	20.65
38.	George H. Carr, supplies.....	2.70
39.	Remington Ward, printing .....	13.50
40.	M. F. Shea, cart repairs.....	42.50
41.	G. H. Bloom, cart repairs .....	7.50
42.	Chas. S. Goddard, sharpening tools, etc.....	3.25
43.	Alex N. Barker & Co., joist, etc.....	3.94
44.	Wm. B. Scott & Co., supplies.....	.50
45.	Wm. H. Langley, building shed, City Yard, contract .....	165.00
46.	U. S. Cast Iron Pipe & Foundry Co., iron pipe....	541.37
47.	N. Y. N. H. & H. R. R. Co., freight .....	20.65
48.	J. B. Bacheller, repairing watering carts.....	6.82
49.	J. B. F. Smith & Co., red and white lead.....	3.75
50.	Wm. P. Clarke, ink .....	.75
51.	Freights .....	.95
52.	J. Stacy Brown, stone .....	3.81
53.	Newport Gas Light Co., gas .....	1.21
	Pay roll .....	2,643.09
		<hr/>
		\$6,684.35

## March.

54.	J. L. & H. K. Potter, watering cart supplies .....	\$8.82
55.	Farrel Foundry and Machine Co., bucket bolts ....	10.00
56.	Combined Tool Co., copyholder .....	3.00
57.	Buffalo Steam Roller Co., grate bars, etc. ....	18.55
58.	Geo. B. Smith, repairing chair .....	.50
59.	George A. Weaver Co., tine fork, etc. ....	1.36
60.	J. D. Johnston, milling .....	.94
61.	James J. Dugan, garbage .....	405.65
62.	George T. King, labor at dump .....	52.00
63.	S. G. Payne, labor at dump .....	52.00
64.	Chas. S. Goddard, sharpening picks .....	3.75
65.	Alex N. Barker & Co., lumber, etc. ....	17.27
66.	Newport Foundry & Machine Corp., labor and supplies .....	42.86
67.	McKiernan Drill Co., steam drill, etc. ....	256.77

68	Chas. E. Spooner Co., forage .....	141.08
69	Ralph R. Barker, varnish, etc. ....	5.30
70	Shreenan & Sullivan, shoeing .....	5.50
71	John E. Leddy, shoeing .....	3.50
72	George W. Callahan, shoeing .....	4.00
73	Daniel Beard, shoeing .....	4.82
74	P. F. Clark & Co., shoeing .....	4.50
75	George W. Ritchie, repairing saddle, etc. ....	2.75
76	Wright Bros., oil and paint .....	6.00
77	John O. Kettell, horses .....	500.00
78	George H. Carr, supplies .....	2.35
79	H. L. DeBlois, hoes .....	5.50
80	J. M. K. Southwick, line .....	1.20
81	Newport Coal Co., fuel .....	22.25
82	J. L. Ramlose, repairing rubber boots .....	4.60
83	Wm. B. Sherman, Jr., cotton .....	1.40
84	Wm. B. Scott & Co., supplies .....	2.73
85	H. H. Lawton, stable supplies .....	14.50
86	J. J. Connell, kerosene .....	7.50
87	Henry Biesel & Son, repairing girth, etc. ....	.75
88	Express .....	5.50
89	W. F. Gratrix, repairing harness .....	2.87
	Pay roll .....	2,246.70

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**\$10,553.12**
**April.**

90	J. D. Johnston, gaskets, etc. ....	\$81.09
91	Newport Foundry & Machine Corp., retubing boiler .....	98.25
92	Remington Ward, printing .....	3.00
93	Fuller Iron Works .....	58.50
94	Waters Governor Co., gear and disk .....	2.70
95	George A. Weaver Co., axe handles .....	1.90
96	Ward Printing Co., printing .....	3.50
97	Chas. E. Spooner, forage .....	60.52
98	J. H. Shea, filing horses' teeth .....	16.50
99	G. H. Bloom, repairing watering carts ..	4.35
100	Manhattan Rubber Mfg. Co., belting ....	158.70
101	Simon Hart, office supplies .....	4.55
102	H. H. Lawton, stable supplies .....	15.35
103	W. F. Gratrix, repairing harness, etc. ....	2.52
104	Downing Bros., vet. prescription, etc. ...	3.45
105	The Peckham Co., oils .....	65.03
106	George Stanhone, salt .....	1.16
107	Daniel Beard, shoeing .....	4.82
108	Newport Foundry & Machine Corp., supplies.....	5.51
109	Alex. J. Fludder, wire .....	369.62
110	James J. Dugan, garbage .....	405.65
111	S. G. Payne, labor at dump .....	52.00
112	George T. King, labor at dump .....	52.00
113	Joseph Haire, fountain repairs .....	33.94
114	J. J. Connell, kerosene and testing scale .....	18.00
115	Providence Telephone Company, rent telephone....	44.00
116	N. Y., N. H. & H. R. R. Co., freight.....	25.00
117	Philip F. Conroy, labor and supplies.....	36.02
118	Newport Coal Co., fuel .....	263.95
119	Hudson River Blue Stone Co., crossing stone .....	1,116.90
120	Alex N. Barker & Co., Portland cement, lumber, etc.	26.25
121	J. M. K. Southwick, dynamite, rope, etc.....	60.31



122	Dennis Shanahan, forage .....	173.40
123	George W. Callahan, shoeing .....	6.25
124	P. F. Clark & Co., shoeing .....	4.50
125	Shreenan & Sullivan, shoeing .....	5.76
126	John E. Leddy shoeing .....	7.00
127	George W. Ritchie, repairing saddle .....	1.50
128	O. R. Braman, repairing harness .....	2.41
129	J. B. Bacheller, repairing express wagon .....	11.54
130	M. F. Shea, repairing railings; fountains, etc. ....	31.61
131	J. B. F. Smith & Co., oil .....	3.70
132	Wm. B. Scott & Co., supplies .....	6.03
133	Chas. S. Goddard, sharpening tools, etc. ....	2.00
134	Barker Bros. & Co., pipe .....	9.84
135	Henry Biesel & Son, stable supplies .....	3.50
136	Perrin, Seamans & Co., supplies .....	9.73
137	Freights .....	13.68
138	John H. Sullivan, cartage crushed stone .....	172.73
139	J. Stacy Brown, stone .....	72.55
140	C. Oscar Schultz, rolling lawn, City Hall.....	2.00
141	New England Navigation Co., gaskets.....	2.40
142	Perrin, Seamans & Co., bolts.....	51.66
143	Dr. F. de M. Bertram, vet. services .....	7.00
	Pay roll .....	6,686.19
		<hr/>
		\$20,924.47

## May.

144	The Consolidated Railway Co., bolts, etc.....	\$85.83
145	Perrin, Seamans & Co., washers .....	4.13
146	P. Reynolds, trimming trees .....	12.00
147	Remington Typewriter Co., carbon paper .....	3.00
148	Ward Printing Co., printing .....	11.85
149	D. F. Cooney & Co., tubes .....	15.97
150	George A. Weaver Co., supplies .....	9.75
151	Herald Publishing Co., advertising .....	4.20
152	Providence Telephone Co., long distance .....	2.00
153	Alex J. Fludder pipe, etc. ....	88.20
154	Remington Ward, printing .....	7.00
155	James J. Dugan, garbage .....	405.25
156	S. G. Payne, labor at dump .....	44.00
157	G. T. King, labor at dump .....	54.00
158	Cornelius Harrington labor at dump .....	46.00
159	Thos. H. Reagan building pump house, Collins Beach	148.50
160	J. J. Connell, kerosene .....	15.00
161	H. L. DeBlois, hoes .....	11.70
162	Clark H. Burdick & Co., rubber boots .....	5.50
163	Peter F. Clark & Co., shoeing.....	9.00
164	John E. Leddy, shoeing.....	4.30
165	Daniel Beard, shoeing .....	4.82
166	Shreenan & Sullivan, shoeing.....	8.20
167	George W. Callahan, shoeing.....	3.75
168	Dennis Shanahan, forage.....	173.38
169	George W. Ritchie, stable supplies.....	4.25
170	W. F. Gratrix, repairing harness.....	2.10
171	Downing Bros., vet. prescription, etc.....	1.55
172	Wm. B. Scott & Co., supplies.....	8.18
173	Alex. N. Barker & Co., cement, lumber, etc.....	114.46
174	The Peckham Co., oil.....	8.16

175	J. M. K. Southwick, dynamite, etc.....	66.65
176	Chas. S. Goddard, sharpening tools, etc.....	2.40
177	Newport Gas Light Co., iron pipe.....	50.00
178	Newport Coal Co., fuel.....	328.13
179	Newport Foundry & Machine Corp., labor and supplies .....	44.55
180	N. Y., N. H. & H. R. R. Co., freights.....	44.62
181	New England Navigation Co., freight.....	.27
182	George H. Carr, time books.....	2.29
183	Express .....	1.92
184	John H. Sullivan, cartage crushed stone.....	343.09
185	J. Stacy Brown, stone.....	98.50
186	N. Y., N. H. & H. R. R. Co., freights.....	34.78
187	J. K. Sullivan, Briggs Wharf Wall, spindle, Ann and Elm Street piers .....	775.50
	Pay roll .....	7,010.69
		<hr/> \$31,043.33

## June.

188	Clinton Point Stone Co., trap rock.....	\$1,919.00
189	Daniel Sullivan, discharging trap rock.....	272.70
190	N. Y., N. H. & H. R. R. Co., freight.....	25.00
191	Frank E. Fitts Mfg. & Supply Co., belt lace.....	7.88
192	C. E. Kimball & Son, gears.....	4.00
193	Hudson River Blue Stone Co., crossing stone.....	320.80
194	Joshua Baker, waste .....	47.94
195	Providence Telephone Co., toll calls.....	3.30
196	A. P. Jennings, oil suits.....	44.75
197	Frank Levitre, sand .....	9.60
198	Newport Paper & Grocery Co., toilet paper.....	1.68
199	John F. Warth & Brother, brooms.....	84.00
200	G. H. Burnham, labor and supplies.....	20.64
201	Joseph Haire, fountain.....	12.15
202	Jas. J. Dugan, garbage.....	405.65
203	George T. King, labor at dump.....	50.00
204	Cornellus Harrington, labor at dump.....	50.00
205	Alex J. Fludder, sewer pipe .....	57.20
206	The Consolidated Railway Co. bolts, etc.....	9.27
207	George A. Weaver Co., supplies.....	7.10
208	Barker Bros. Co., valves, pipe, etc.....	3.56
209	H. L. DeBlois, hoes.....	11.00
210	Buffalo Steam Roller Co., oil.....	15.00
211	Taylor Iron & Steel Co., concaves.....	105.50
212	John S. Lamson Jr., Dustoline.....	540.73
213	N. Y., N. H. & H. R. R. Co., freight.....	5.36
214	National Coal Tar Co., Tarvia.....	404.20
215	J. J. Connell, kerosene.....	15.00
216	Wm. B. Scott & Co., grease.....	2.15
217	J. M. K. Southwick, dynamite, etc.....	73.75
218	Alex N. Barker & Co., cement, lumber, etc.....	36.81
219	Newport Coal Co., fuel.....	297.48
220	The T. A. Scott Co., relaying Main Sewer, contract,	2,082.37
221	Chas. S. Goddard, repairing watering cart, etc....	3.85
222	Newport Gas Light Co., pipe.....	2.50
223	Ralph R. Barker, paint, etc.....	7.12
224	Jas. H. Hart, labor and supplies.....	9.95

225	Newport Foundry & Machine Corp., labor and supplies .....	4.09
226	The Peckham Co., oils.....	50.25
227	J. B. Bacheller repairing water tank.....	24.00
228	James J. Dugan, gravel.....	232.39
229	Peter F. Clarke & Co., shoeing.....	5.00
230	Daniel Beard, shoeing .....	9.64
231	George W. Callahan, shoeing.....	3.76
232	Shreenan & Sullivan, shoeing.....	10.14
233	George W. Ritchie, sheet .....	3.50
234	W. F. Gratrix, repairing harness.....	1.77
235	O. R. Braman, repairing harness.....	.90
236	Henry Biesel & Son, stable supplies.....	6.05
237	Express .....	1.40
238	John H. Sullivan, cartage crushed stone.....	434.55
239	J. Stacy Brown, stone.....	109.45
240	Dennis Shanahan, forage.....	230.94
241	J. S. Packard Dredging Co., dredging.....	2,477.98
242	Newport Coal Co., fuel.....	13.60
	Pay roll .....	8,282.82
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		\$49,914.46

## July.

243	J. S. Packard Dredging Co., dredging.....	\$2,126.84
244	Fuller Iron Works, rings and covers.....	58.50
245	Frank E. Fitts Mfg. & Supply Co., belt lace, etc..	9.23
246	Providence Telephone Co., telephone.....	22.09
247	Buffalo Steam Roller Co. grate bar rests.....	3.00
248	Warren Bros. Co., repairing bitulithic pavement...	48.38
249	Sampson & Murdock Co., directory.....	2.00
250	McKiernan Drill Co., bolts and nuts.....	2.40
251	National Mfg Co., moistener.....	1.20
252	Frank Levitre, sand .....	9.60
253	H. L. Marsh & Co., bags.....	1.50
254	J. S. Ramlose repairing rubber boots.....	3.50
255	Western Union Telegraph Co., telegraph.....	8.00
256	The New England Steamship Co., labor and supplies	94.77
257	Ward Printing Co., printing.....	4.00
258	Alex J. Fludder sewer pipe .....	80.61
259	George A. Weaver Co., manger, etc.....	1.80
260	H. L. DeBlois, hoes.....	11.00
261	Newport Foundry & Machine Corp., labor and supplies .....	6.19
262	James J. Dugan, garbage .....	405.65
263	Geo. T. King, labor at dump.....	54.00
264	Cornelius Harrington, labor at dump.....	54.00
265	Daniel Beard, shoeing .....	5.32
266	Jas. H. Hart, smokestack, etc.....	25.40
267	J. J. Connell, kerosene .....	15.00
268	Congdon & Carpenter Co., zinc.....	9.60
269	Wm. B. Scott & Co., weed killer, etc.....	6.55
270	Newport Gas Light Co., pipe.....	13.30
271	Freights .....	3.89
272	George H. Carr, office supplies.....	1.73
273	James J. Dugan, gravel.....	79.91
274	Taylor Iron & Steel Co., gears, etc.....	25.80
275	J. G. Stevens, forage.....	192.89

276	Simon Hart, office supplies.....	3.00
277	J. B. F. Smith & Co., sign.....	1.75
278	Ralph R. Barker, oil, etc.....	3.79
279	George W. Ritchie, repairing harness, etc.....	3.50
280	Henry Biesel & Son, relining collar, etc.....	2.90
281	Peter F. Clark & Co., shoeing.....	5.10
282	John E. Leddy shoeing.....	4.20
283	George W. Callahan, shoeing.....	5.64
284	Alex N. Barker & Co., lumber cement, etc.....	66.26
285	Newport Coal Co., fuel.....	368.36
286	J. M. K. Southwick, dynamite, etc.....	53.25
287	Chas. S. Goddard, repairing watering cart, etc....	15.70
288	The Peckham Co., oils.....	55.55
289	M. F. Shea, repairing watering carts, etc.....	12.00
290	Wm. A. Maher, neckyoke, etc.....	2.00
291	O. R. Braman, stable supplies.....	3.00
292	H. H. Lawton, soap, etc.....	11.75
293	Wm. F. Gratrix, straps, etc.....	8.50
294	Shreenan & Sullivan, shoeing.....	10.14
295	John H. Sullivan, cartage crushed stone.....	459.13
296	J. Stacy Brown, stone.....	117.71
297	N. Y., N. H. & H. R. R. Co., freight.....	77.52
298	John S. Lamson, Jr., Dustoline.....	594.09
299	G. H. Burnham, labor and supplies.....	34.85
300	J. D. Johnston, pounders.....	3.00
	Pay roll.....	10,705.82

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**\$65,923.10**
**August.**

301	John S. Lamson, Jr., Dustoline.....	\$572.17
302	Taylor Iron & Steel Co., gear.....	21.00
303	George A. Weaver Co., galvanized pail, etc.....	1.15
304	Frank E. Fitts Mfg. & Supply Co., belt dressing..	15.00
305	Western Union Telegraph Co., telegraph.....	.55
306	Providence Telephone Co., toll calls.....	1.15
307	J. J. Dugan, garbage.....	405.65
308	George T. King, labor at dump.....	54.00
309	Cornelius Harrington, labor at dump.....	54.00
310	J. B. Bacheller repairing water tank, etc.....	22.70
311	Barker Bros Co., repairs at watering stations.....	53.50
312	Chas. S. Goddard, sharpening tools, rep. carts, etc..	10.35
313	J. G. Stevens, forage.....	174.89
314	Alex N. Barker & Co., lumber, cement, etc.....	47.83
315	Newport Coal Co., fuel.....	288.68
316	J. M. K. Southwick, dynamite, etc.....	63.50
317	Wm. A. Maher, pole, etc.....	7.45
318	Wm. B. Scott & Co., grease, etc.....	2.95
319	P. F. Clark & Co., shoeing.....	5.10
320	George W. Callahan, shoeing.....	4.75
321	John E. Leddy, shoeing.....	9.64
322	Shreenan & Sullivan, shoeing.....	4.00
323	Daniel Beard, shoeing.....	4.82
324	W. F. Fratrix comb.....	.50
325	George W. Ritchie, repairing harness.....	3.23
326	O. R. Braman, harness soap.....	.50
327	John H. Sullivan, cartage crushed stone.....	398.57
328	J. Stacy Brown, stone.....	124.52

329	McKiernan Drill Co., valve, etc.....	6.00
330	George H. Carr, office supplies.....	1.65
331	A. R. O'Hanley, oatmeal.....	4.50
332	Express .....	1.80
333	The Peckham Co., oil .....	8.33
334	J. J. Dugan, gravel. ....	93.98
335	Farrell Foundry & Machine Co., bolts.....	5.50
336	N. Y., N H. & H. R. R. Co., freight.....	3.70
337	J. J. Connell, kerosene.....	7.50
	Pay roll .....	8,202.55

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**\$76,610.78**
**September.**

338	New England Steamship Co., repairs to steam roller	\$2.88
339	Ralph R. Barker, turpentine .....	.80
340	H. L. DeBlois, hoes.....	11.00
341	Josep Haire, dippers .....	.40
342	J. D. Johnston, lumber .....	.25
343	Remington Ward, printing.....	15.00
344	Ward Printing Co., printing.....	4.50
345	J J Dugan, garbage .....	405.65
346	George T. King, labor at dump.....	50.00
347	Cornelius Harrington, labor at dump.....	50.00
348	Alex N. Barker & Co., lumber, cement, etc.....	50.11
349	Newport Foundry & Machine Corp., babbitt.....	6.25
350	Newport Coal Co., fuel.....	219.48
351	J G. Stevens, forage .....	205.68
352	George A. Weaver Co., pails, etc. ....	.65
353	J. J. Connell, kerosene.....	22.50
354	Alex J Fludder, sewer pipe.....	1.58
355	Downing Bros., vet. prescription, etc.....	3.75
356	George W Callahan, shoeing.....	4.76
357	Shreenan & Sullivan, shoeing.....	4.00
358	John E. Leddy, shoeing.....	11.26
359	Daniel Beard shoeing .....	4.82
360	Chas. S. Goddard repairing watering cart, etc....	11.55
361	O. R. Braman, repairing harness, etc.....	13.55
362	Wm. B. Scott & Co., axle grease, etc.....	2.33
363	Henry Biesel & Son, sponge, etc.....	1.80
364	George Stanhope, soap .....	4.15
365	P. F. Clark & Co., shoeing.....	4.50
366	The Peckham Co., oils.....	40.66
367	M. F. Shea, wheel sharpening tools, etc.....	8.27
368	J. M. K. Southwick, dynamite, etc.....	24.20
369	Jacob Mohr sharpening tools.....	6.62
370	Frank Levitre, sand .....	16.00
371	James J. Dugan, gravel.....	56.89
372	John H. Sullivan, cartage crushed stone.....	331.00
373	J. Stacy Brown, stone.....	84.50
374	H. H. Lawton, stable supplies .....	6.10
375	Express .....	.65
	Pay roll .....	6,656.07

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**\$84,954.94**
**October.**

376	Taylor Iron & Steel Co., steel screen segments....	\$144.00
377	John F. Warth & Brother, brooms.....	42.00

378	Buffalo Steam Roller Co., grate bar rests.....	3.00
379	Wm. K. Covell, supplies.....	2.25
380	Newport Paper & Grocery Co., toilet paper.....	2.00
381	A. & H. G. Hammett, lumber.....	9.78
382	Wm. B. Sherman, Jr., cheese cloth .....	.25
383	Newport Water Works, pipe, etc.....	16.54
384	Providence Telephone Co., telephone.....	23.57
385	Dr. F. de M. Bertram, vet. services.....	5.00
386	Newport Foundry & Machine Corp., oil.....	6.00
387	Kirwin Brothers, blocks.....	4.20
388	A. R. O'Hanley, oatmeal .....	2.50
389	Jeremiah Riley, clearing fountain.....	10.00
390	James J. Dugan, garbage.....	405.65
391	George F. King, labor at dump.....	54.00
392	Cornelius Harrington, labor at dump.....	54.30
393	Wm. B. Scott & Co., stable pails, etc.....	3.75
394	H. L. Marsh & Co., forage.....	175.89
395	The Peckham Co., oil.....	8.84
396	C. A. Manchester, oatmeal .....	7.00
397	John J. Connell, kerosene.....	7.50
398	Daniel Beard, shoeing .....	4.82
399	Newport Ship Yard, driving piles.....	30.00
400	George H. Carr, time books.....	1.25
401	City Sealer, testing wagon sealer.....	1.50
402	James J. Dugan, gravel.....	157.42
403	Chas. S. Goddard, sharpening tools, etc.....	7.65
404	Simon Hart, office supplies .....	7.08
405	Augustus Goffe & Son, oil suits.....	1.75
406	Newport Coal Co., fuel.....	301.09
407	Alex N. Barker & Co., lumber, cement, etc.....	69.57
408	J. M. K. Southwick, dynamite, etc.....	63.50
409	John E. Leddy, shoeing .....	8.51
410	P. F. Clark & Co., shoeing.....	5.75
411	George W. Callahan, shoeing.....	6.96
412	Shreenan & Sullivan, shoeing.....	4.00
413	O. R. Braman, repairing harness, etc.....	4.45
414	W. F. Gratrix, stable supplies.....	3.75
415	Henry Biesel & Son, stable supplies.....	1.75
416	George W. Ritchie, brush, etc.....	1.25
417	Freights .....	3.28
418	John H. Sullivan, cartage crushed stone.....	418.65
419	J. Stacy Brown, stone.....	112.62
	Pay roll .....	8,432.51

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\$95,591.77

**November.**

420	Alex J. Fludder, pipe, etc.....	\$8.20
421	M. Brotherson, filing saws.....	4.30
422	George A. Weaver Co., screws and handles.....	.80
423	James J. Dugan, garbage.....	405.65
424	George T. King, labor at dump.....	52.00
425	Cornelius Harrington, labor at dump.....	52.00
426	John H. Sullivan, cartage trap rock.....	102.31
427	J. Stacy Brown, stone.....	21.65
428	H. L. Marsh & Co., forage.....	191.61
429	Newport Coal Co., fuel .....	112.60
430	George H. Carr, office supplies.....	2.53

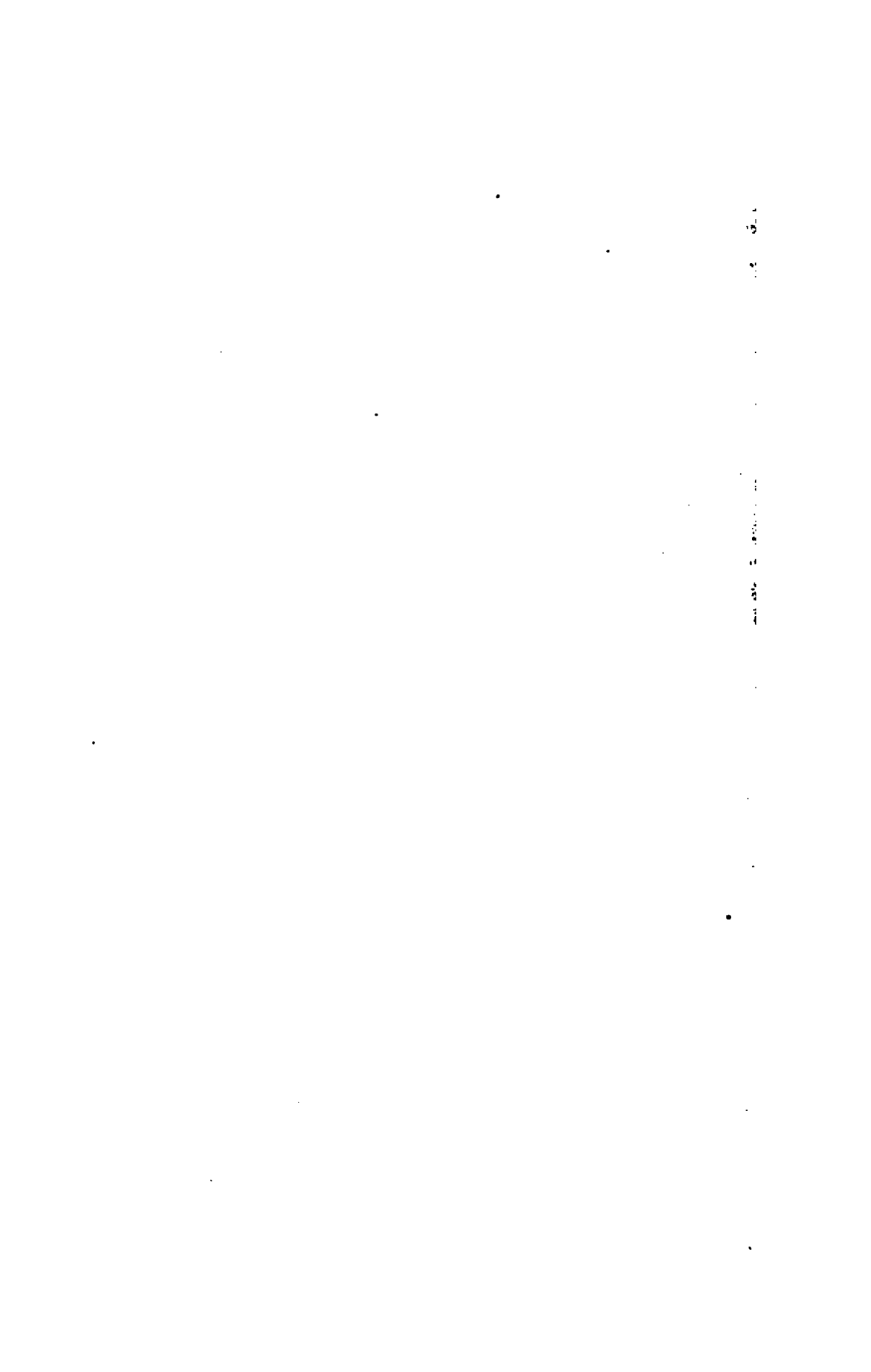
431	Ralph R. Barker, supplies.....	5.42
432	Alex N. Barker & Co., lumber, cement, etc. ....	82.17
433	Wm. B. Scott & Co., supplies.....	3.67
434	Chas. S. Goddard, sharpening tools, etc.....	2.60
435	John E. Leddy shoeing .....	7.38
436	P. F. Clark & Co., shoeing .....	4.50
437	Shreenan & Sullivan, shoeing.....	4.50
438	George W. Callahan, shoeing.....	3.00
439	Jacob Mohr, sharpening tools, etc.....	1.62
440	M. F. Shea, sharpening tools, etc.....	12.55
441	Jas. H. Hart, pipe, etc.....	3.35
442	H. H. Lawton, stable supplies.....	4.40
443	George W. Ritchie, repairing traces.....	1.25
444	James J. Dugan, gravel.....	62.57
445	J. M. K. Southwick, dynamite, etc.....	2.86
446	G. H. Burnham, labor and supplies.....	4.76
447	Daniel Beard, shoeing.....	4.82
	Pay roll .....	5,321.06

## December.

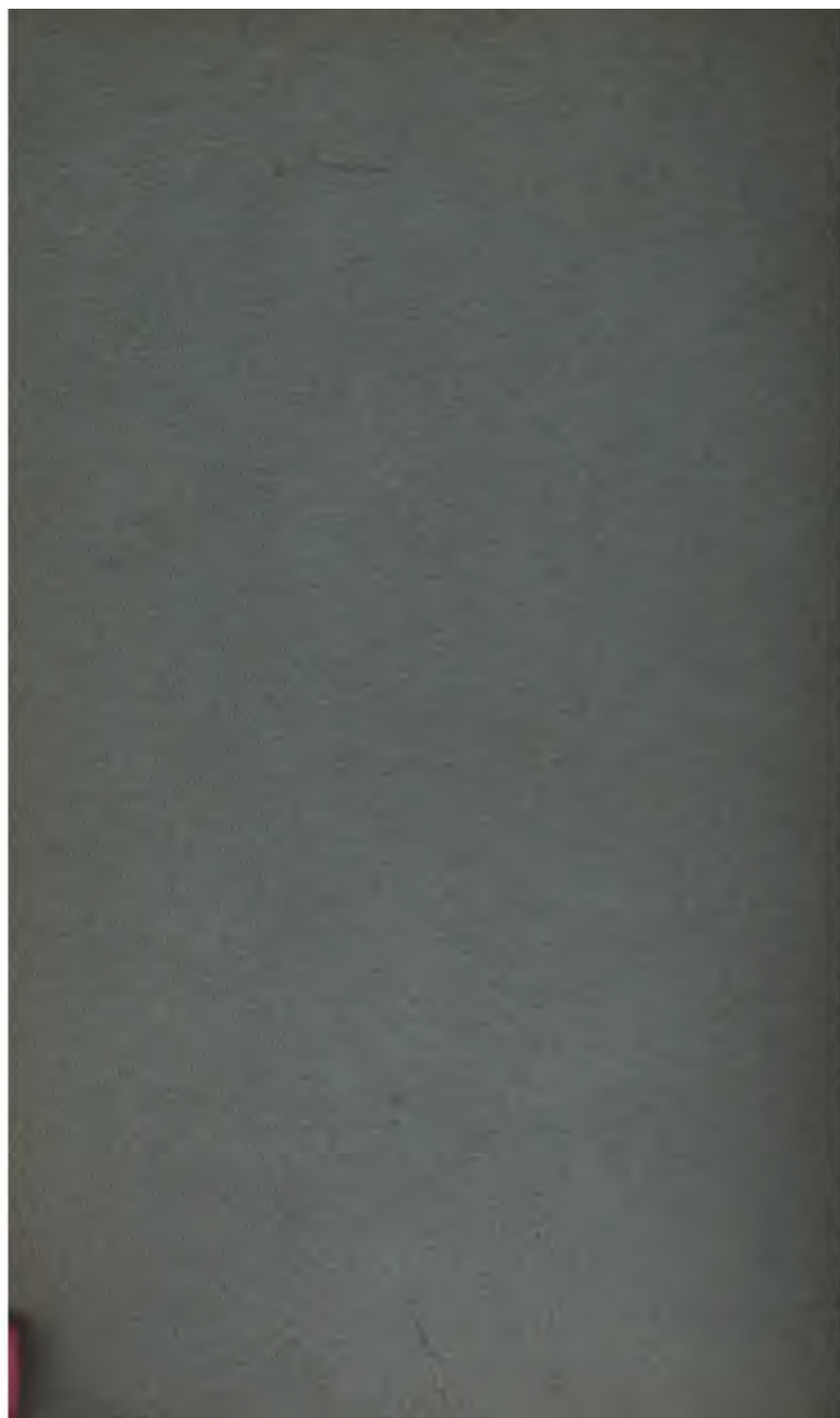
		\$102,077.49
448	James J. Dugan, garbage.....	\$657.11
449	George F. King, labor at dump.....	52.00
450	Cornelius Harrington .....	52.00
451	J. J. Connell, kerosene.....	7.50
452	D. J. Sullivan, weighing gravel.....	2.00
453	Wm. K. Covell, lantern.....	2.25
454	Alex J. Fludder, pipe.....	6.40
455	Newport Gas Ligh Co., gas .....	.22
456	John E. Leddy, shoeing.....	4.00
457	Daniel Beard, shoeing .....	4.82
458	Simon Hart, office supplies.....	2.10
459	H. H. Lawton, harness repairs.....	17.50
460	George W. Callahan, shoeing.....	5.00
461	P. F. Clark & Co., shoeing .....	4.50
462	Shreenan & Sullivan, shoeing.....	4.50
463	W. F. Gratrix, pad, etc.....	2.75
464	Alex N. Barker & Co., lumber, cement, etc.....	35.57
465	Wm. B. Scott & Co., plow, etc.....	14.45
466	J. Irving Shepley, iron pipe.....	1.05
467	Newport Coal Company, fuel.....	13.60
468	H. L. Marsh & Co., forage.....	185.46
469	J. K. Sullivan, hauling and driving pile.....	6.00
470	James J. Dugan, gravel.....	24.30
471	M. F. Shea, cart shaft, etc.....	6.00
472	J. Stacy Brown, stone.....	19.06
	Pay roll .....	2,021.23
		\$105,228.86











21 1909

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# Annual Report

of the

## Street Commissioner

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OF THE  
**CITY OF NEWPORT**  
RHODE ISLAND  
1908

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# Annual Report

OF THE

Compliments of

Commissioner

J. I. SULLIVAN,  
Street Commissioner.

Francis M. S. S. S. S.

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CITY OF NEWPORT

1908

1908



# Annual Report of Street Commissioner.

Newport, R. I., December 28th, 1908.

To the Honorable Representative Council of the City of Newport:—

Gentlemen:—I have the honor of submitting the following report of the operations of the Department of Streets and Highways for the municipal year of 1908:

## STATISTICS.

This office has carefully prepared and revised the following statistics from the records of the department, viz.:

Streets.	Mileage.
Granite block pavement .....	1.69
Bitulithic and Granite block pavement .....	1.56
Telford macadam .....	15.35
Macadam .....	41.95
Macadam and granite block .....	.51
Cobble .....	.09
Dirt .....	29.52
Total .....	90.67
Sidewalks.	Mileage.
Granolithic .....	16.657
Granolithic and dirt .....	.705
Flagstone .....	2.598
Flagstone and cobble .....	.145
Flagstone and dirt .....	1.428
Brick .....	2.898
Asphalt .....	.644
Asphalt block .....	.485
Plank .....	.313
Dirt .....	88.334
Total .....	114.207
Gutters.	
Granite culls .....	15.81
Cobble .....	36.44
Flagstone and cobble .....	.92
Total .....	53.17
Curb.	Mileage.
Bluestone .....	40.788
Granite .....	13.752
Granolithic .....	1.853
Total .....	56.393



## REPORT OF STREET COMMISSIONER

Sewers.		Mileage.
Vitrified pipe .....		35.545
Cast iron pipe .....		.599
Circular brick .....		4.727
Brick .....		1.449
Stone .....		.516
Tunnel .....		.388
Cement pipe .....		.104
Total .....		43.328
Total number of Catch basins .....		444
Total number of Eye-holes .....		139
Total .....		583

## CITY WHARF.

During the year various repairs have been made to the stable and the other buildings situated on the City Wharf at an expense of four hundred and twenty-eight 16-100 (\$428.16) dollars. The roller house floors have been concreted at a cost of one hundred and ninety-four 75-100 (\$194.75) dollars.

The contract for making repairs to the piling and caplogs of the wharf was awarded by the Board of Aldermen to the lowest bidder, Mr. J. K. Sullivan, for the sum of one thousand and sixty-nine (\$1,069.00) dollars. The work was performed under the supervision of Alderman Hudson B. Kingman.

## HORSES AND CARTS

One horse of the "pair of blacks" became so lame and unfit for use that the department was obliged to purchase another horse to take its place, paying for the same the sum of two hundred and ten (\$210.00) dollars including the lame horse in trade.

The Chief of the Fire Department has kindly loaned to this department, a horse for his "keep," so that we were not obliged to purchase a horse this year for general work and emergency purposes, which was the intention of this department when the appropriations were adjusted.

The carts are in fairly good condition, and they will be repaired and painted up by the permanent employees of the department during the winter months, and be in good condition for the spring work.

## CLEANING STREETS.

The street cleaning part of the department is divided into various sections; sections number one and number two cover the most thickly inhabited part of the city, other than the permanent pavements, and they each swept this year an average of about 28 miles in length or an area of about 373,477.24 square yards per month. Sections number three and number four cover mostly

suburban districts, and in addition to sweeping streets they do weeding, mowing of grass, trimming edges and perform various other odd jobs of repairs to the streets and sidewalks; they cover about 20 miles in length or an area of about 394,000 square yards, each per month. Section number five is employed constantly on Bellevue Avenue during the summer season, which they cover about twice per day.

The above mentioned sweepers are employed only part of the year, which is regulated by weather conditions and the amount of the appropriation. This year the season commenced on April 1st and ended on November 14th, and at a total cost of \$18,091.36.

This department did not employ any boys to pick up papers this year because it was considered not necessary to do so.

The permanent pavements of Thames and Spring Streets, Broadway and Long Wharf, including Washington Square, are swept throughout the year, except upon extreme cold weather or when the pavements are covered with snow. The expense of sweeping these paved streets varies in cost each year, owing to light or heavy snow falls. The total cost of sweeping the permanent pavements this year was \$10,085.35, which in addition to the cost of sweeping all other streets makes a total expense of \$28,176.71 for the cleaning of streets, which is \$2,464.88 in excess of the cost last year.

The following table will give you some idea of the area, cost, etc., of cleaning streets, viz.:

#### Cleaning Streets—Season 1908.

Permanent Pavements.	Square Yards.	Cost per Sq. Yd.	Total Cost.
Thames Street .....	17,613.21	.302	\$5,320.32
Spring Street .....	16,301.04	.125	2,049.82
Broadway and Washington Sq.	15,290.32	.116	1,786.37
Long Wharf .....	3,179.40	.292	928.94
<b>Total .....</b>	<b>52,383.97</b>	<b>.190</b>	<b>\$10,085.35</b>
		<b>Av. Cost per Sq. Yd.</b>	
All other streets .....	1,012,467.95	.017	18,091.36
<b>Total .....</b>	<b>1,064,851.92</b>	<b>.026</b>	<b>\$28,176.71</b>

#### REMOVAL OF SNOW AND ICE.

Owing to the light snow falls this year the expense of the removal of snow and ice, graveling crosswalks and permanent pavements was much less than in former years. The total cost this year being only \$1,680.76, which is \$2,406.40 less than last year.

This office has prepared the following table which will give you the variation of cost of the removal of snow and ice during the past ten years, viz.:

## REPORT OF STREET COMMISSIONER

1899 .....	\$3,029.15
1900 .....	483.08
1901 .....	1,078.70
1902 .....	2,967.17
1903 .....	8,049.79
1904 .....	1,860.55
1905 .....	2,752.04
1906 .....	620.42
1907 .....	4,087.16
1908 .....	1,680.76

Total ..... \$26,608.82

This makes an average cost per year for the past ten years of \$2,660.88. You will kindly observe that the banner year was in 1903, when the expense for this purpose was over eight thousand (\$8,000.00) dollars.

## Removal of Snow by Teams.

	Department						Total Cu. Yds.
	Teams.		Carts.		Hired Teams.		
	Loads.	Cu.Yds.	Loads.	Cu.Yds.	Loads.	Cu.Yds.	
Jan. 25	75	225	75	112.5	362	1,086	1,423.5
Jan. 26	64	192	180	270	315	945	1,407
Jan. 29			30	45			45
Feb. 6	4	12					12
Total,	143	429	285	427.5	677	2,031	2,887.5

## COLLECTION AND DISPOSAL OF THE CITY GARBAGE.

This is the second year that the garbage has been collected under contract with Mr. James J. Dugan. With the exception of a few minor complaints, the contractor has given very good satisfaction.

Two men, one at each dump, are employed constantly throughout the year to level off and burn up the rubbish, etc.

## CLEANING MAIN SEWERS.

Four men are employed throughout the year (weather permitting) to flush and keep clear our sewerage system. We have now about forty-three (43) miles of sewers and the total expense this year for this work was \$2,593.74 or an average cost of \$60.32 per mile.

I would again suggest that no more main sewers be constructed of a diameter of less than ten inches. I find that nearly one-half of our present sewerage system is comprised of eight inch pipe, which is of too small capacity to take care of the increasing amount of house drainage and the vast amount of storm water during heavy rain falls.

During the year sixty-three sewer connections have been inspected by this department.

About 73 tons of gravel taken from the main sewers this year was used for various work. A net saving to the department of \$66.43.

## CLEANING CATCH BASINS.

Four men with carts are employed about ten to eleven months in the year in the work of cleaning and flushing catch basins and eye holes. 1,477 catch basins and eye holes were cleaned this year at a total cost of \$3,208.43 or an average cost of \$2.17 each. 1,459 loads of material was removed from these catch basins, etc.

This office has prepared a list of the location of catch basins and eye-holes and the following is a complete list to date, viz.:

LIST OF CATCH BASINS AND EYE HOLES  
LOCATED AS FOLLOWS,—VIZ.:

	Catch Basins.	Eye Holes.	Total.
Ann St., at Thames St., north side .....	1		1
Ann St., at Thames St., south side .....		1	1
Annandale Rd., at Merton Rd., west side.....	1		1
Annandale Rd., near "Corrigan's" .....	1		1
Annandale Rd., at Dresser St. ....	1		1
Annandale Rd., at Merton Rd., east side ....		1	1
Annandale Rd., near "Corrigan's" .....		2	2
Annandale Rd., opp. "Corrigan's" .....		1	1
Ayrault St., at Broadway, north side .....	1		1
Ayrault St., at Broadway, south side .....	1		1
Ayrault St., at Kay St., south side .....	1		1
Bachelor St., near Byrnes St. ....	1		1
Barney St., at Spring St., south side .....	1		1
Barney St., at Spring St., north side .....	1		1
Bateman Ave., at Vanderbilt's Stable .....	1		1
Bath Rd., at Freebody St. ....	1		1
Bath Rd., at Middleton Ave. ....	1		1
Bath Rd., opp. Middleton Ave. ....	1		1
Bath Rd., at Cliff Ave. ....	1		1
Bath Rd., near foot of hill .....	1		1
Bath Rd., at Trager's Place .....	1		1
Bedlow Ave., near Broadway, north side .....		1	1
Bellevue Ave., near Touro St. ....	1		1
Bellevue Ave., at Catherine St. ....	1		1
Bellevue Ave., at Downing St. ....	1		1
Bellevue Ave., at Levin St. ....	1		1
Bellevue Ave., at Bath Rd. ....	1		1
Bellevue Ave., at Bowery St. ....	1		1
Bellevue Ave., at East Bowery St. ....	1		1
Bellevue Ave., at Berkeley Ave. ....	1		1
Bellevue Ave., opp. Perry St. ....	1		1
Bellevue Ave., at Parker Ave., east side ....	2		2
Bellevue Ave., at Narragansett Ave., east side ..	1		1
Bellevue Ave., at Webster St., west side ....	2		2
Bellevue Ave., at Webster St. ....		2	2
Bellevue Ave., at Leroy Ave., east side .....	1		1
Bellevue Ave., at Coggeshall Ave. ....	1		1
Bellevue Ave., at Gerry's .....	1		1
Bellevue Ave., at turn .....	1		1
Bellevue Ave., at Ruggles Ave. ....	1		1
Bellevue Ave., at Ruggles Ave., east side ..		1	1
Bellevue Ave., at Ruggles Ave., west side ...		2	2
Bellevue Ave., at Bailey's Beach .....		1	1

## REPORT OF STREET COMMISSIONER

	Catch Basins.	Eye Holes.	Total.
Bellevue Ave., at Coggeshall Ave. ....		2	2
Bellevue Ave., at Ledge Rd., north side .....		1	1
Bellevue Ct., at Tweedy's .....	1		1
Berkeley Ave., at Butler's, south side .....	1		1
Berkeley Ave., opp. Butler's, north side .....		1	1
Bliss Rd., at Gibbs Ave. ....	1		1
Bliss Rd., at Whitehall St. ....	1		1
Bliss Mine Rd., east side .....		1	1
Bliss Mine Rd., west side .....		1	1
Bowery St., at King St., north side .....	1		1
Bowery St., at Spring St., south side .....	1		1
Bowery St., opp. King St., south side .....		1	1
Bradford Ave., near Friendship St., west side..	1		1
Bradford Ave., near Friendship St., east side..		1	1
Bridge St., at Third St., northeast corner.....	1		1
Bridge St., at Third St., northwest corner.....	1		1
Bridge St., at Stoddard Ct., north side .....	1		1
Bridge St., at Second St., north side .....		1	1
Bridge St., at No. 2 Engine House, south side		1	1
Bridge St., opp. Stoddard Ct., south side ....		1	1
Brinley St., at Kay St., east side .....	1		1
Broadway at Court House St. ....	2		2
Broadway at Farewell St. ....	1		1
Broadway at Branch St. ....	1		1
Broadway at City Hall .....	1		1
Broadway at Oak St. ....	1		1
Broadway at Mann Ave. ....		1	1
Broadway at Kilburn Ct. ....	1		1
Broadway at Ayrault St. ....		1	1
Broadway at Gould St. ....	1		1
Broadway at Rhode Island Ave. ....		1	1
Broadway at Malbone Rd. ....	1		1
Broadway at Everett St. ....	1		1
Broadway north of Arnold Ave. ....	1		1
Broadway at Cranston Ave. ....	1		1
Broadway at Thurston's, west side .....	1		1
Broadway at Bedlow Ave., west side .....	1		1
Broadway at Davis', east side .....	1		1
Broadway at Elliott Place .....	1		1
Broadway at Vernon Ave. ....	1		1
Broadway at Mann Ave. ....	1		1
Broadway at Green's .....	1		1
Broadway opp. Green's .....	1		1
Bull St., at Broadway .....	2		2
Bull St., at Mt. Vernon St. ....	2		2
Byrnes St., at Bacheller St. ....	1		1
Callender Ave., at Davis Ct. ....	1		1
Calvert St., near schoolhouse .....	1		1
Cannon St., at Thames St. ....	2		2
Carey St., north and south side .....	2		2
Carroll Ave., at Eastnor Rd., west side ....	1		1
Carroll Ave., bet. Thames & Bateman, east side	2		2
Carroll Ave., at Harrison Ave. ....	1		1
Carroll Ave., opp. Harrison Ave. ....	1		1
Carroll Ave., at Morton Ave. ....	1		1
Catherine St., at R. I. Ave., north side .....	1		1

# REPORT OF STREET COMMISSIONER

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	Catch Basins.	Eye Holes.	Total.
Catherine St., opp. Cottage St. ....	1		1
Champlin St., at Hunter Ave., north side ....	1		1
Chapel St., at Fludder's, east side .....	1		1
Chapel St., opp. Fludder's, west side .....	1		1
Chapel St., at DeBlois St. ....	1		1
Charles St., at North Baptist St. ....	1		1
Charles St., at Washington Square .....	1		1
Chastellux Ave., at Wellington Ave., west side	1		1
Cherry St., near R. R. track .....	1		1
Church St., at Spring St., northeast side ....	1		1
Church St., at Spring St., southeast side ....	1		1
Hunt Estate, on Church St. ....	1		1
Church St., near Thames St., north side ....	1		1
City Hall, rear .....	1		1
Clay St., at Narragansett Ave., south side ....	1		1
Clay St., at Narragansett Ave., north side ....		1	1
Coddington St., at Thames St. ....	1		1
Coggeshall Ave., at Ruggles Ave. ....	1		1
Coggeshall Ave., at Victoria Ave. ....	1		1
Coggeshall Ave., at Bellevue Ave. ....		2	2
Commercial Wharf at Ice Office .....	1		1
Connection St. at Roseneath Ave. ....	1		1
Connection St., at Houston Ave. ....	2		2
Connection St., at Marchant St. ....	2		2
Connection St., at Marchant St. (20 feet from southeast corner) .....	1		1
Cotton Ct., at Thames St. ....	1		1
Cross St., opp. Elm St. ....	1		1
Dean Ave., north and south side .....	2		2
Dearborn St., at Thames St. ....	2		2
Dearborn St., at Thames St. ....		1	1
DeBlois St., at State St. ....	1		1
Dennison St. at Thames St., south side ....		1	1
Dennison St., at Thames St., north side ....		1	1
Division St., at Mary St., northeast corner ...	1		1
Division St., at Mary St., southeast corner ...	1		1
Division St., at Mary St., southwest corner ...	1		1
Division St., at Touro St., east side .....		1	1
Division St., at Mary St., west side .....		1	1
Dixon St., near Bellevue Ave. ....	1		1
Dresser St., at Annandale Rd., north side ....	1		1
Duke St., west side .....	1		1
Duke St., east side .....		1	1
East Bowery St., at Bellevue Ave., south side	1		1
East Bowery St., at Freebody St. ....	1		1
Eastnor Rd., at Carroll Ave. ....	1		1
Eastnor Rd., at Marchant St. ....	4		4
Edgar Ct., at Bath Rd., east side .....	1		1
Edgar Ct., west side .....	1		1
Edward St., at West Broadway, south side ...	1		1
Elm St., at Third St. ....	1		1
Elm St., at Fourth St., east side .....	1		1
Elm St., at Second St. ....		1	1
Elm St., at Fourth St., west side .....		1	1
Eustis Ave., near Gibbs Ave., south side ....		1	1
Eustis Ave., near Gibbs Ave., north side .....		1	1

## REPORT OF STREET COMMISSIONER

	Catch Basins	Eye Holes	Total
Everett St. at Kay St. north side	1		1
Everett St. at Kay St. south side	1		1
Everett St. bet. Kay and Francis south side	1		1
Everett St. near Broadway north side		1	1
Everett St. near Broadway south side		1	1
Evarts St. opp Brandt St.	1		1
Extension St. north side	1		1
Extension St. south side		1	1
Fair St. at Thames St. south side	1		1
Farwell St. at Thames St.	1		1
Farwell St. near Warner St.	1		1
Farwell St. at Warner St.	1		1
Farwell St. at Appleby St. north side	1		1
Farwell St. at North Baptist St.	1		1
Farwell St. at River Lane	2		2
Farwell St. at Appleby St. south side		1	1
Farwell St. at Marlborough St.		1	1
Francis St. near Rhode Island Ave.	1		1
Francis St. near Rhode Island Ave.		1	1
Frank St. near Thames St.	1		1
Frank St. at Thames St.	1		1
Franklin St. at Thames St. south side	1		1
Franklin St. at Thames St. north side	1		1
Freebody St. at Bath Rd. west side	1		1
Freebody St. at Merion Rd.	1		1
Freebody St. opp Park	1		1
Friendship St. at Gardiner St.	1		1
Friendship St. at Hope St.	1		1
Friendship St. opp Gardiner St.		1	1
Gibbs Ave. at Water Works Rd. east side	1		1
Gibbs Ave. at Catherine St. west side	1		1
Gibbs Ave. at Gibbs House	1		1
Gibbs Ave. at Bliss Rd.		1	1
Gibbs Ave. at Kay St. west side		1	1
Gibbs Ave. at Catherine St. east side		1	1
Gidley St. south side	1		1
Golden Hill St. at Spring St. south side	1		1
Golden Hill St. south side	1		1
Gould St. at Broadway north side	1		1
Gould St. at Park St.	1		1
Gould St. at Warner St.		2	2
Green Street, north side	1		1
Green St. south side		1	1
Halden Ave.	2		2
Hall Ave. near Channing St. east side	1		1
Hall Ave. opp Channing St. west side	1		1
Hall Ave. at Van Zandt Ave.	1		1
Hall Ave. at Van Zandt Ave.		2	2
Harrison Ave. at Marchant St.	1		1
Harrison Ave. at Roseneath Ave.	1		1
Harrison Ave. near Hammersmith Rd.	1		1
Harrison Ave. at Dr. Clark's	1		1
Harrison Ave. at Morgan's	1		1
Harrison Ave. at Fort Adams Rd.	2		2
Harrison Ave. opp. Fort Adams Rd.	1		1
Harrison Ave. bet Ft. Adams Rd. & Ridge Rd.	3		3

# REPORT OF STREET COMMISSIONER

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	Catch Basins.	Eye Holes.	Total.
Harrison Ave., at Auchincloss' .....	2		2
Harrison Ave., near Carroll Ave. ....	1		1
High St., at Touro St., east side .....		1	1
Holland St., at Thames St. ....	1		1
Homer St., at Garfield St. ....	1		1
Houston Ave., near Connection St., west side.	1		1
Houston Ave., at Wellington Ave., east side.	1		1
Houston Ave., at Schultz's Green House ....	1		1
Houston Ave., at West Narragansett Ave. ...	1		1
Houston Ave., near Connection St., west side.		1	1
Houston Ave., at Wellington Ave., west side..		1	1
Howard St., at Thames St., south side .....	1		1
Howard St., at Thames St., north side .....		1	1
John St., at Spring St. ....	2		2
Kay St., at Brinley St. ....	1		1
Kay St., opp. Mann Ave. ....	1		1
Kay St., at Ayrault St. ....	1		1
Kay St., at Cranston Ave. ....	1		1
Kay St., at Rhode Island Ave. ....	1		1
Kay St., at Touro St., east side .....		1	1
Kay St., at Everett St. ....		1	1
Kinsley Wharf, north side .....	1		1
Lake View Ave., opp Ledge Rd. ....	1		1
Lawrence Ave., at Ruggles Ave., northwest cor.	1		1
Lawrence Ave., at Sheppard Ave. ....	1		1
Lawrence Ave., at Ruggles Ave., northeast cor.	1		1
Lawrence Ave., at Leroy Ave. ....		2	2
Ledge Rd., at Lake View Ave. ....	1		1
Ledge Rd., at Brook's .....	1		1
Ledge Rd., opp. Belmont's .....	1		1
Lee Ave., at Thames St. ....	1		1
Leroy Ave., at Lawrence Ave. ....	2		2
Levin St., near Spring St., north side .....	1		1
Levin St., at Spring St., south side .....	1		1
Levin St., at Spring St., north side .....		1	1
Long Wharf, opp. New England Biscuit Co. ..		1	1
Long Wharf, at New England Biscuit Co. ...		1	1
Long Wharf, opp. Ice Co. ....		1	1
Long Wharf, at Ice Co. ....		1	1
Long Wharf, near Washington St. ....		2	2
Mann Ave., at Broadway .....	2		2
Marchant St., at Wellington Ave., east side ..	1		1
Marchant St., at West Narragansett Ave. ....	1		1
Marchant St., at Atlantic Ave. ....	2		2
Marchant St., at Eastnor Rd., southeast corner	1		1
Marchant St., at Harrison Ave., east side ....	1		1
Marchant St., at Narragansett Ave. ....	1		1
Marchant St., at Connection St., northwest cor.		1	1
Marchant St., at Narragansett Ave., S. E. cor.		1	1
Market Square, north side .....	1		1
Market Square, south side .....	1		1
Market Square, north side .....		1	1
Marlborough St., at W. Broadway, north side	1		1
Marlborough St., at Farewell St. ....	2		2
Mary St., at Spring St. ....	2		2
Mary St., at Thames St., south side .....	1		1



## REPORT OF STREET COMMISSIONER

	Catch Basins.	Eye Holes.	Total.
Mary St., at Division St., north side .....	1		1
Mary St., at Thames St., north side .....	1		1
Mason Ct., at Thames St. ....	1		1
McAllister St., near Byrnes St. ....	1		1
Meeting St., at River Lane, west side .....	1		1
Meeting St., at River Lane, east side .....		1	1
Merton Rd., at Freebody St. ....	1		1
Middleton Ave., at Weaver Ave. ....	2		2
Middleton Ave., at East Bowery St. ....	2		2
Middleton Ave., at Berkeley Ave. ....	2		2
Middleton Ave., at Parker Ave., west side ....	1		1
Middleton Ave., at Merton Rd. ....	1		1
Mill St., at Spring St. ....	2		2
Mill St., at Thames St. ....	2		2
Mill St., near Coddington School .....	1		1
Morgan Ct. ....	1		1
Mt. Vernon St., at Bull St., east side .....		1	1
Narragansett Ave., at Thames St. ....	1		1
Narragansett Ave., at Marchant St. ....	1		1
Narragansett Ave., at Sheldon's .....	1		1
Narragansett Ave., at Jacob's .....	1		1
Narragansett Ave., at Forty Steps .....	1		1
Narragansett Ave., opp. Mrs. Callender's ....	1		1
Narragansett Ave., at Rosevale .....	1		1
Narragansett Ave., at Pinard Cottages ....	1		1
Narragansett Ave., at Stillman's .....	1		1
Narragansett Ave., at Spring St., southeast cor.	1		1
Newport Ave., near Warner St., north side ....		1	1
Ochre Pt. Ave., at Ruggles Ave. ....	1		1
Ochre Pt. Ave., at Vanderbilt's Gate .....	1		1
Ochre Pt. Ave., at Victoria Ave. ....	1		1
Ochre Pt. Ave., 75' N. Webster St., west side	1		1
Ochre Pt. Ave., 40' N. Webster St., east side	1		1
Old Beach Rd., at Sunnyside Pl., north side..	1		1
Old Beach Rd., at Cottage St. ....	2		2
Old Beach Rd., at Gibbs Ave., south side ....		1	1
Old Beach Rd., at Gibbs Ave., north side ....		1	1
Park St., at Gould St., south side .....		1	1
Parker Ave., at Middleton Ave. ....	1		1
Parker Ave., opp. Middleton Ave. ....	1		1
Parker Ave., at Bellevue Ave., south side ...		1	1
Pelham St., at Corne St., north side .....	1		1
Pelham St., at Spring St. ....	2		2
Pelham St., at Stewart's stable, north side ...	1		1
Pelham St., at Thames St. ....	2		2
Pelham St., at Corne St., south side .....		1	1
Pelham St., at Stewart's stable, south side ....		1	1
Perry St., at Spring St. ....	2		2
Perry St., near Spring St., north side .....		1	1
Pond Ave., at East Ct. ....	1		1
Pope St., at Thames St., north side .....	1		1
Poplar St., at Fourth St. ....	3		3
Poplar St., at Fourth St. ....		1	1
Powell Ave., bet. Hope & Broadway, south side	1		1
Powell Ave., bet. Hope & Broadway, north side		1	1
Prospect Hill St., at Corne St. ....	1		1

# REPORT OF STREET COMMISSIONER

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	Catch Basins.	Eye Holes.	Total.
Prospect Hill St., at Thames St., south side ..	1		1
Rhode Island Ave., at Francis St. ....	1		1
Rhode Island Ave., at Kay St. ....	2		2
Rhode Island Ave., at Broadway, north side ..	1		1
Rhode Island Ave., opp. Francis St. ....	1		1
Rhode Island Ave., near Champlin St. ....		1	1
Rhode Island Ave., at Francis St. ....		1	1
Rhode Island Ave., opp. Francis St. ....		1	1
Ridge Rd., near Castle Hill Ave., west side ..	1		1
Roseneath Ave., at Wellington Ave., west side	1		1
Roseneath Ave., 100 ft. S. of Connection St. ..	1		1
Roseneath Ave., at West Narragansett Ave...	1		1
Roseneath Ave., at Wellington Ave., east side		1	1
Roseneath Ave., at Connection St., west side.		1	1
Roseneath Ave., at West Narragansett Ave...		1	1
Roseneath Ave., opp. West Narragansett Ave.		1	1
Ruggles Ave., near Bellevue Ave. ....	1		1
Ruggles Ave., at Coggeshall Ave. ....	1		1
Ruggles Ave., at Kernochan's ....	2		2
Ruggles Ave., at Lawrence Ave., northwest cor.	1		1
Ruggles Ave., opp. Lawrence Ave. ....	2		2
Ruggles Ave., at Wetmore Ave., southwest cor.	1		1
Ruggles Ave., at Fisk's Driveway ....	1		1
Ruggles Ave., at Wetmore Ave., northwest cor.		1	1
Ruggles Ave., opp. Lawrence Ave. ....		1	1
Sayers Wharf, north side ....	1		1
Second St., at Battery St., west side ....	1		1
Second St., at Elm St. ....	2		2
Second St., at Bridge St. ....	2		2
Second St., at Marsh St. ....	2		2
Second St., at Battery St., east side ....		1	1
Sheppard Ave., at Lawrence Ave. ....	2		2
Sheppard Ave., at Lawrence Ave. ....		2	2
Sherman St., at Spring St. ....	2		2
Sherman St., at Mt. Vernon St., south side ..	1		1
Sherman St., at Mt. Vernon St., north side ..		1	1
Simmons St., at Marchant St. ....	1		1
Spring St., at Stone St. ....	1		1
Spring St., at Allen Ct. ....	1		1
Spring St., at Mary St., east side ....	1		1
Spring St., at Prospect Hill St., east side ....	1		1
Spring St., opp. Franklin St. ....	1		1
Spring St., opp. Cannon St. ....	1		1
Spring St., at McCormick's ....	1		1
Spring St., at Young St. ....	1		1
Spring St., at Bowery St. ....	1		1
Spring St., at Sherman St. ....		1	1
Spring St., at Barney St. ....		1	1
Spring St., at Tourro St., east side ....		1	1
Spring St., at Mill St., east side ....		1	1
Spring St., at Golden Hill St. ....		1	1
Spring St., at King Estate ....		1	1
Spring St., at Howard St. ....	1		1
Spring St., at Lee Ave. ....	1		1
Spring St., at Lee Ave. ....		1	1
Spring St., at Bacheller St. ....	1		1



	Catch Basins.	Eye Holes.	Total.
Third St., at Van Zandt Ave., west side .....		1	1
Third St., at Walnut St., east side .....		1	1
Third St., at Marsh St., east side .....		1	1
Tilley Ave., at Van Zandt Ave., west side ....	1		1
Tilley Ave., at Van Zandt Ave., east side ....		1	1
Touro St., at Mary St. ....	1		1
Touro St., at Mount Vernon St. ....	1		1
Touro St., at High St. ....	1		1
Touro St., at School St. ....	1		1
Touro St., at Division St. ....	1		1
Touro St., at Spring St. ....	2		2
Touro St., at Mall .....	1		1
Touro St., at Thames St. ....	1		1
Van Zandt Ave., at Hall Ave., north side .....	1		1
Van Zandt Ave., at Congdon Ave. ....	1		1
Van Zandt Ave., opp. Halsey St. ....	1		1
Van Zandt Ave., at Hall Ave., south side .....		1	1
Vicksburg Place, near Warner St. ....	1		1
Walnut St., south side Third St. ....	1		1
Walnut St., at Farewell St. ....	1		1
Walnut St., north side Third St. ....		1	1
Walnut St., at Farewell St. ....		1	1
Ward Ave., opp. Pinard Cottages, north side ..	1		1
Ward Ave., at Pinard Cottages, south side ....	1		1
Warner St., at Newport Ave. ....	1		1
Warner St., at Bay View Ave. ....	1		1
Warner St., at Gould St. ....	4		4
Warner St., at Pond Ave. ....	1		1
Warner St., opp. Callender Ave. ....	1		1
Warner St., at Farewell St. ....	2		2
Washington Square at Prison St. ....	1		1
Washington Square at Mall .....	1		1
Washington Square at Thames St. ....	1		1
Washington St., at Elm St. ....	2		2
Washington St., at Railroad, west side .....	1		1
Washington St., at Boiler Shop .....	1		1
Washington St., at Battery St. ....		2	2
Washington St., at Railroad, east side .....		1	1
Weaver Ave., near Middleton Ave., south side..	1		1
Webster St., between Thames and Spring .....	2		2
Webster St., at Lawrence Ave. ....	1		1
Wellington Ave., at Marchant St. ....	1		1
Wellington Ave., at Columbus Ave. ....	1		1
Wellington Ave., bet. Marchant & Houston Ave.	1		1
Wellington Ave., at Roseneath Ave. ....	1		1
Wellington Ave., at Chastellux Ave. ....	1		1
Wellington Ave., at Halidon Ave. ....	1		1
Wellington Ave., opp. Mason's .....	1		1
Wellington Ave., at King Park Pier .....	1		1
West Broadway at Pond Ave. ....	1		1
West Broadway at Caleb Earl St. ....	1		1
West Broadway at Spruce St. ....	1		1
West Broadway at Callender Ave. ....	1		1
West Broadway at Oak St. ....	1		1
West Broadway at Burnside Ave. ....	1		1
West Broadway at Tilden Ave. ....	1		1

	Catch Basins.	Eye Holes.	Total.
West Broadway at Edward St.	1		1
West Broadway at Branch St.	1		1
West Broadway at Marlborough St., east side	1		1
West Broadway at Benj. Easton's Stable	1		1
West Broadway at Collins St.		1	1
West Broadway opp. Tilden Ave.		1	1
West Broadway, at Marlborough St., west side		1	1
West Broadway, at Collins St.	1		1
West Broadway, near Spruce St.	1		1
West St., at foot of hill	1		1
West Howard St., north side	1		1
West Marlborough St., at Thames St.	2		2
West Marlborough St., at Walsh's		1	1
West Marlborough St., at Water Works		1	1
West Narragansett Ave., at Marchant St.	1		1
William St., at Thomas St.	1		1
William St., bet. Thomas and Spring, half way	1		1
William St., at Spring St.	1		1
William St., at Spring St., north side		1	1
Willow St., east of Third St., north side	1		1
Willow St., east of Third St., north side		1	1
Young St., north side	1		1
Young St., north side		1	1
	444	139	583

#### WATERING STREETS.

This office again this year has been diligently at work to determine the amount of water used and the mileage and area covered by the watering of streets.

The total cost of Watering this year was \$10,606.30 or \$159.80 per mile watered during the season, which is about \$1.13 more per mile than last year, caused by a much dryer season. About sixty-seven (67) miles of streets are watered on an average of twice per day.

The watering of streets commenced on May 4th and continued until November 3rd when the hired teams were retired.

I would recommend the purchase of two single watering carts to take the place of wornout carts. During the winter months the other eighteen (18) watering carts will be thoroughly overhauled, repaired and repainted by the permanent men in the employ of the department.

We take pleasure in submitting to your honorable body the following statistics of the Street Watering, viz.:

# STREET WATERING.

Single Cart No. 10. Capacity 350 Gals.

Loads per day—Fresh, 50; Salt, None. Gallons used per day—Fresh, 17,500; Salt, None.

Totals.		Gallons of water used.		Mileage of Streets Watered.		Area of Streets Watered.		Sq. yds. Fresh	Sq. yds. Salt	Sq. yds. Total
		Fresh	Salt	Total	Fresh	Salt	Total			
1908.	Days Wat'd	Gallons of water used.		Total	Fresh	Salt	Total	Sq. yds. Fresh	Sq. yds. Salt	Sq. yds. Total
May	17-2	301,875	---	301,875	153.35	---	153.35	1,817,258.18	---	1,817,258.18
June	23-4	411,250	---	411,250	208.92	---	208.92	2,475,085.05	---	2,475,085.05
July	22-6	398,125	---	398,125	202.25	---	202.25	2,396,073.83	---	2,396,073.83
Aug.	19-2	336,875	---	336,875	171.13	---	171.13	2,027,054.77	---	2,027,054.77
Sept.	17	297,500	---	297,500	151.13	---	151.13	1,790,921.10	---	1,790,921.10
Oct.	2	35,000	---	35,000	17.78	---	17.78	210,696.00	---	210,696.00
	101-6	1,780,625	---	1,780,625	904.56	---	904.56	10,719,180.53	---	10,719,180.53

## STREET WATERING.

Single Cart No. 14. Capacity 350 Gals.

Loads per day—Fresh, 38; Salt, None. Gallons used per day—Fresh, 13,300; Salt, None.

Totals.

Gallons of water used.                      Mileage of Streets Watered.                      Area of Streets Watered.

1908.	Days Wat'd	Fresh	Salt	Total	Fresh	Salt	Total	Sq. yds. Fresh	Sq. yds. Salt	Sq. yds. Total
May	7-2	96,425	-----	96,425	46.76	-----	46.76	503,338.36	-----	503,338.36
June	23-4	312,550	-----	312,550	151.58	-----	151.58	1,631,510.53	-----	1,631,510.53
July	22-6	302,575	-----	302,575	146.74	-----	146.74	1,579,441.05	-----	1,579,441.05
Aug.	19-2	256,025	-----	256,025	124.16	-----	124.16	1,336,450.12	-----	1,336,450.12
Sept.	15	199,500	-----	199,500	96.75	-----	96.75	1,041,389.70	-----	1,041,389.70
	87-6	1,167,075	-----	1,167,075	565.99	-----	565.99	6,092,129.76	-----	6,092,129.76

Single Cart No. 16.	Capacity 350 Gals.
Loads per day—Fresh, 41; Salt, None.	Gallons used per day—Fresh, 14,350; Salt, None.

1908.	Totals.			Mileage of Streets Watered.			Area of Streets Watered.		
	Days Wat'd	Fresh	Salt	Total	Fresh	Salt	Sq. yds. Fresh	Sq. yds. Salt	Sq. yds. Total
May	19-6	283,413	---	283,413	121,66	---	1,666,241.93	---	1,666,241.93
June	29	416,150	---	416,150	178,64	---	2,446,633.72	---	2,446,633.72
July	26-6	383,862	---	383,862	164,78	---	2,256,808.69	---	2,256,808.69
Aug.	24	344,400	---	344,400	147,84	---	2,024,800.32	---	2,024,800.32
Sept.	19	272,650	---	272,650	117,04	---	1,602,966.92	---	1,602,966.92
Oct.	11-4	165,025	---	165,025	70,84	---	970,216.82	---	970,216.82
Nov.	1	14,350	---	14,350	6,16	---	84,366.68	---	84,366.68
	131	1,870,850	---	1,879,850	806,96	---	11,052,035.08	---	11,052,035.08



# STREET WATERING.

Single Cart No. 17. Capacity 300 Gals.

Loads per day—Fresh, 45; Salt, None. Gallons used per day—Fresh, 13,500; Salt, None.

1908.	Totals.			Mileage of Streets Watered.			Area of Streets Watered.			
	Gallons of water used.			Streets Watered.			Sq. yds.			
	Days Wat'd	Fresh	Salt	Total	Fresh	Salt	Total	Sq. yds. Fresh	Sq. yds. Salt	Sq. yds. Total
May	17-22	232,875	—	232,875	174.23	—	174.23	1,885,200.08	—	1,885,200.08
June	27-4	371,250	—	371,250	277.75	—	277.75	3,005,540.25	—	3,005,540.25
July	24-6	334,125	—	334,125	249.08	—	249.08	2,704,904.32	—	2,704,904.32
Aug.	23	310,500	—	310,500	232.30	—	232.30	2,513,732.10	—	2,513,732.10
Sept.	17	229,500	—	229,500	171.70	—	171.70	1,857,075.00	—	1,857,075.00
Oct.	8-4	114,750	—	114,750	85.85	—	85.85	928,087.05	—	928,087.05
Nov.	1	13,500	—	13,500	10.10	—	10.10	100,202.70	—	100,202.70
	119	1,606,500	—	1,606,500	1,201.01	—	1,201.01	13,005,831.30	—	13,005,831.30

# STREET WATERING.

Single Cart No. 18. Capacity 350 Gals.

Loads per day—Fresh, 50; Salt, None. Gallons used per day—Fresh, 17,500; Salt, None.

Area of Streets Watered.

Totals.  
Gallons of water used. Mileage of Streets Watered.

1908.	Days Wat'd	Fresh	Salt	Total	Fresh	Salt	Total	Sq. yds. Fresh	Sq. yds. Salt	Sq. yds. Total
May	17-2	301,875	---	301,875	135.93	---	135.93	2,100,608.79	---	2,100,608.79
June	23-4	411,250	---	411,250	185.18	---	185.18	2,874,041.54	---	2,874,041.54
July	22-6	398,125	---	398,125	179.27	---	179.27	2,782,316.81	---	2,782,316.81
Aug.	19-2	336,875	---	336,875	151.69	---	151.69	2,354,208.07	---	2,354,208.07
Sept.	17	297,500	---	297,500	133.96	---	133.96	2,079,093.88	---	2,079,093.88
Oct.	8-4	148,750	---	148,750	66.98	---	66.98	1,039,546.94	---	1,039,546.94
Nov.	1	17,500	---	17,500	7.88	---	7.88	122,299.64	---	122,299.64
	109-2	1,911,875	---	1,911,875	860.89	---	860.89	13,301,235.67	---	13,301,235.67

## Single Cart No. 19. Capacity 300 cubs.

Loads per day—Fresh, 42; Salt, None.	Calmons used per day Fresh, 12,000; Salt, None.
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
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89	89
90	90
91	91
92	92
93	93
94	94
95	95
96	96
97	97
98	98
99	99
100	100

**Area of Heart Watered.**

Gallons of water used.												Firewater Watered.			
Days Wat'd	Fresh		Salt		Total		Fresh		Salt		Total		Mq. yds. Fresh	Mq. yds. Salt	Mq. yds. Total
1908.															
May	16-2		204,750			204,750	100,300				100,300		1,100,300.73		1,100,300.73
June	23-4		206,100			206,100	158,10				158,10		1,001,131.01		1,001,131.01
July	22-6		286,050			286,050	153,11				153,11		1,037,150.02		1,037,150.02
Aug.	19-2		242,550			242,550	129,55				129,55		1,065,288.01		1,065,288.01
Sept.	15		180,000			180,000	100,95				100,95		1,070,445.00		1,070,445.00
	96-6		1,210,050			1,210,050	651.13				651.13		0,002,426.07		0,002,426.07

# STREET WATERING.

Single Cart No. 20. Capacity 300 Gals.

Loads per day—Fresh, 45; Salt, None. Gallons used per day—Fresh, 13,500; Salt, None.

Totals.

Mileage of Streets Watered.

Gallons of water used.

1908.	Days Wat'd	Gallons of water used.			Mileage of Streets Watered.			Area of Streets Watered.			Sq. yds. Total
		Fresh	Salt	Total	Fresh	Salt	Total	Sq. yds. Fresh	Sq. yds. Salt		
May	17-2	232,875	---	232,875	123.86	---	123.86	1,544,553.27	---	1,544,553.27	
June	23-4	317,250	---	317,250	168.73	---	168.73	2,104,174.02	---	2,104,174.02	
July	22-6	307,125	---	307,125	163.35	---	163.35	2,037,018.03	---	2,037,018.03	
Aug.	19-2	259,875	---	259,875	138.22	---	138.22	1,723,031.91	---	1,723,031.91	
Sept.	17	229,500	---	229,500	122.06	---	122.06	1,522,168.44	---	1,522,168.44	
Oct.	8	108,000	---	108,000	57.44	---	57.44	716,314.56	---	716,314.56	
Nov.	1	13,500	---	13,500	7.18	---	7.18	80,539.32	---	80,539.32	
	108-6	1,408,125	---	1,408,125	780.84	---	780.84	9,737,390.55	---	9,737,390.55	

# STREET WATERING

Single Cart No. 22 Capacity 300 Gals.  
 Loads per day—Fresh, 38, Salt, None Gallons used per day Fresh, 11,000, Salt, None

1908, May June July Aug. Sept. Oct.	Days Wat'd	Totals.		Mileage of Streets Watered		Area of Streets Watered			
		Gallons of water used							
		Fresh	Salt	Total	Fresh	Salt	Total	Sq. Yds. Fresh	Sq. Yds. Salt
	17-20	193,650		196,650	122.30		1,200,000 sq. ft.		1,900,000 sq. ft.
	24	273,000		273,000	170.10		1,080,800 sq. ft.		1,080,800 sq. ft.
	22-6	250,350		250,350	161.30		1,500,000 sq. ft.		1,000,000 sq. ft.
	19-2	219,450		219,450	130.48		1,310,800 sq. ft.		1,000,000 sq. ft.
	17	193,800		193,800	120.53		1,102,011 sq. ft.		1,102,011 sq. ft.
	2	22,800		22,800	14.18		110,000 sq. ft.		110,000 sq. ft.
	102-2	1,105,050		1,105,050	725.05		7,100,708 sq. ft.		7,100,708 sq. ft.

# STREET WATERING.

Single Cart No. 36. Capacity 350 Gals.  
 Loads per day—Fresh, 34; Salt, 2. Gallons used per day—Fresh, 11,900; Salt, 700.

Totals. Mileage of Streets Watered. Area of Streets Watered.

1908.	Days Wat'd	Totals.			Mileage of Streets Watered.			Area of Streets Watered.		
		Fresh	Salt	Total	Fresh	Salt	Total	Sq. Yds. Fresh	Sq. Yds. Salt	Sq. Yds. Total
April	1	11,900	700	12,600	6.03	.30	6.42	60,340.80	3,310.52	63,651.32
May	17	202,300	11,900	214,200	102.51	6.63	109.14	1,025,800.02	56,431.84	1,082,231.86
June	24-4	291,550	17,150	308,700	147.74	9.56	157.30	1,478,498.07	81,328.24	1,559,826.31
July	24-6	294,525	17,325	311,850	149.24	9.65	158.89	1,493,584.79	82,158.12	1,575,742.91
Aug.	18-4	220,150	12,950	233,100	111.56	7.22	118.78	1,110,410.91	61,411.12	1,171,822.03
Sept.	17-6	211,225	12,425	223,650	107.04	6.92	113.96	1,071,150.77	58,921.48	1,130,072.25
Oct.	13	154,700	9,100	163,800	78.39	5.07	83.46	784,500.18	43,153.70	827,653.88
	116-4	1,386,350	81,550	1,467,900	702.51	45.44	747.95	7,030,400.20	386,724.04	7,417,124.24

SECRET

Leads per day	French, 11, 1941	English, 14, 1941	total, 25, 1941
1	1	1	2
2	1	1	2
3	1	1	2
4	1	1	2
5	1	1	2
6	1	1	2
7	1	1	2
8	1	1	2
9	1	1	2
10	1	1	2
11	1	1	2
12	1	1	2
13	1	1	2
14	1	1	2
15	1	1	2
16	1	1	2
17	1	1	2
18	1	1	2
19	1	1	2
20	1	1	2
21	1	1	2
22	1	1	2
23	1	1	2
24	1	1	2
25	1	1	2
26	1	1	2
27	1	1	2
28	1	1	2
29	1	1	2
30	1	1	2
31	1	1	2
32	1	1	2
33	1	1	2
34	1	1	2
35	1	1	2
36	1	1	2
37	1	1	2
38	1	1	2
39	1	1	2
40	1	1	2
41	1	1	2
42	1	1	2
43	1	1	2
44	1	1	2
45	1	1	2
46	1	1	2
47	1	1	2
48	1	1	2
49	1	1	2
50	1	1	2
51	1	1	2
52	1	1	2
53	1	1	2
54	1	1	2
55	1	1	2
56	1	1	2
57	1	1	2
58	1	1	2
59	1	1	2
60	1	1	2
61	1	1	2
62	1	1	2
63	1	1	2
64	1	1	2
65	1	1	2
66	1	1	2
67	1	1	2
68	1	1	2
69	1	1	2
70	1	1	2
71	1	1	2
72	1	1	2
73	1	1	2
74	1	1	2
75	1	1	2
76	1	1	2
77	1	1	2
78	1	1	2
79	1	1	2
80	1	1	2
81	1	1	2
82	1	1	2
83	1	1	2
84	1	1	2
85	1	1	2
86	1	1	2
87	1	1	2
88	1	1	2
89	1	1	2
90	1	1	2
91	1	1	2
92	1	1	2
93	1	1	2
94	1	1	2
95	1	1	2
96	1	1	2
97	1	1	2
98	1	1	2
99	1	1	2
100	1	1	2

1908.	Days Went.	Tonnage of water used.			Average water used.			Total tonnage.	Average tonnage.	Days left.
		Fresh.	Salt.	Total.	Per ton.	Per ton.	Per ton.			
May	7	80,070	1,670	81,740	10.00	20.00	30.00	2,451	3.00	11
June	26	289,100	20,400	309,500	100.00	60.00	160.00	11,904	45.00	14
July	24	286,800	20,000	306,800	100.00	60.00	160.00	12,700	51.00	16
Aug.	21	248,320	22,670	270,990	130.00	60.00	190.00	13,380	63.00	13
Sept.	10	220,220	20,470	240,690	163.00	60.00	223.00	24,069	240.00	20
Oct.	16	170,020	10,270	180,290	100.00	40.00	140.00	11,274	70.00	16
	113	1,313,810	110,000	1,423,810	70.00	30.00	100.00	11,000	70.00	11

Loads per day—Fresh, 34; Salt, 2.  
Gallons used per day—Fresh, 20,400; Salt, 1,200.

1908.	Totals.			Mileage of			Area of Streets Watered.		
	Days Wat'd	Fresh	Salt	Total	Fresh	Salt	Sq. yds. Fresh	Sq. yds. Salt	Sq. yds. Total
May	17-4	357,000	21,000	378,000	191.63	53.37	2,973,475.40	752,079.30	3,725,554.70
June	27-6	566,100	33,300	599,400	303.86	84.04	4,715,082.80	1,192,582.89	5,907,665.81
July	28-2	576,300	33,900	610,200	309.34	86.16	4,800,038.80	1,214,070.87	6,014,109.78
Aug.	24-6	504,900	29,700	534,600	271.01	75.49	4,205,343.78	1,063,655.01	5,268,998.79
Sept.	23	469,200	27,600	496,800	251.85	70.15	3,907,990.24	988,447.08	4,896,437.32
Oct.	8	163,200	9,600	172,800	87.60	24.40	1,359,303.04	343,807.08	1,703,110.72
	129-2	2,636,700	155,100	2,791,800	1,415.29	394.21	21,961,289.74	5,554,942.83	27,515,982.57



# STREET WATERING.

Double Cart No. 27. Capacity 600 Gals.  
 Loads per day—Fresh, 40; Salt, None. Gallons used per day Fresh, 24,000; Salt, None

		Totals.				Mileage of Streets Watered.				Area of Streets Watered.			
		Gallons of water used.		Total.		Fresh		Salt		Total		Sq. yds. Fresh	
1908.	Days Wat'd	Fresh	Salt	Total	Total	Fresh	Salt	Fresh	Salt	Total	Sq. yds. Total	Sq. yds. Fresh	Sq. yds. Salt
May	20 2	486,000	—	486,000	240,850	240,850	—	240,850	—	240,850	3,578,338.02	3,578,338.02	—
June	29 1	696,000	—	696,000	353.51	353.51	—	353.51	—	353.51	5,124,534.32	5,124,534.32	—
July	28 2	678,000	—	678,000	344.37	344.37	—	344.37	—	344.37	4,002,003.20	4,002,003.20	—
Aug.	24 2	582,000	—	582,000	205.01	205.01	—	205.01	—	205.01	4,285,170.04	4,285,170.04	—
Sept.	19 1	456,000	—	456,000	231.61	231.61	—	231.61	—	231.61	3,357,453.52	3,357,453.52	—
Oct.	13	312,000	—	312,000	158.47	158.47	—	158.47	—	158.47	2,207,205.04	2,207,205.04	—
Nov.	1	24,000	—	24,000	12.10	12.10	—	12.10	—	12.10	170,708.08	170,708.08	—
	134-0	3,234,000	—	3,234,000	1,042.01	1,042.01	—	1,042.01	—	1,042.01	170,708.08	170,708.08	—

# STREET WATERING.

Double Cart No. 28. Capacity 600 Gals.

Loads per day—Fresh, 30; Salt, 4. Gallons used per day—Fresh, 18,000; Salt, 2,400.

Totals. Gallons of water used. Mileage of Streets Watered. Area of Streets Watered.

1908.	Days Wat'd	Fresh	Salt	Total	Fresh	Salt	Total	Sq. yds. Fresh	Sq. yds. Salt	Sq. yds. Total
April	4—4	81,000	10,800	91,800	19.89	2.21	22.10	378,923.40	77,999.94	456,923.34
May	18—4	333,000	44,400	377,400	81.77	9.07	90.84	1,557,796.20	320,000.42	1,878,462.62
June	24	432,000	57,600	489,600	106.08	11.76	117.84	2,020,924.80	415,999.08	2,436,924.48
July	24—2	436,500	58,200	494,700	107.19	11.88	119.07	2,041,976.10	420,333.01	2,462,309.11
Aug.	19—4	351,000	46,800	397,800	86.19	9.56	95.75	1,642,001.40	337,999.74	1,980,001.14
Sept.	19	342,000	45,600	387,600	83.98	9.31	93.29	1,590,898.80	320,333.06	1,920,231.86
Oct.	12	216,000	28,800	244,800	53.04	5.88	58.92	1,010,462.40	207,999.84	1,218,462.24
Nov.	0—6	13,500	1,800	15,300	3.32	.37	3.69	63,153.90	12,999.99	76,153.89
	122—4	2,205,000	294,000	2,499,000	541.46	60.04	601.50	10,315,137.00	2,123,331.70	12,438,468.70

# STREET WATERING.

Double Cart No. 29. Capacity 600 Gals.  
 Loads per day—Fresh, 36; Salt, None. Gallons used per day—Fresh, 21,600; Salt, None.

		Totals.			Mileage of			Area of Streets Watered.		
		Gallons of water used.			Streets Watered.					
1908.	Days Wat'd	Fresh	Salt	Total	Fresh	Salt	Total	Sq. yds. Fresh	Sq. yds. Salt	Sq. yds. Total
May	17-2	372,600	—	372,600	203.38	—	203.38	3,086,254.43	—	3,086,254.43
June	27-4	594,000	—	594,000	324.23	—	324.23	4,920,115.75	—	4,920,115.75
July	24-6	534,600	—	534,600	291.80	—	291.80	4,428,104.18	—	4,428,104.18
Aug.	23	496,800	—	496,800	271.17	—	271.17	4,115,005.90	—	4,115,005.90
Sept.	17	367,200	—	367,200	200.43	—	200.43	3,041,526.10	—	3,041,526.10
Oct.	2	43,200	—	43,200	23.58	—	23.58	357,826.00	—	357,826.00
	111-4	2,408,400	—	2,408,400	1,314.50	—	1,314.50	19,948,832.95	—	19,948,832.95

# STREET WATERING.

Double Cart No. 30. Capacity 600 Gals.  
 Loads per day—Fresh, 18; Salt, 7. Gallons used per day—Fresh, 10,800; Salt 42,000.

Totals. Mileage of Area of Streets Watered.  
 Gallons of water used. Streets Watered.

1008.	Days Wat'd	Fresh	Salt	Total	Fresh	Salt	Total	Sq. yds. Fresh	Sq. yds. Salt	Sq. yds. Total
May	14-6	159,300	61,950	221,250	58.26	31.42	89.68	891,282.62	590,000.00	1,481,282.62
June	28-2	305,100	118,650	423,750	111.59	60.17	171.76	1,707,032.81	1,130,000.00	2,837,032.81
July	24-6	267,300	103,950	371,250	97.76	52.72	150.48	1,495,542.02	990,000.00	2,485,542.02
Aug.	23	248,400	96,600	345,000	90.85	48.99	139.84	1,380,796.02	920,000.00	2,300,796.02
Sept.	15	162,000	63,000	225,000	59.25	31.96	91.20	906,389.10	600,000.00	1,506,389.10
	105-6	1,142,100	444,150	1,586,250	417.71	225.25	642.96	6,390,043.17	4,230,000.00	10,620,043.17

TABLE 1. Monthly and annual average precipitation (mm) and average number of days with precipitation (days) for the period 1961-2010, based on the data of the National Centers for Environmental Prediction (NCEP) Climate Prediction Center (CPC) M2 dataset.

Month	Precipitation (mm)		Days with precipitation (days)		Precipitation (mm)		Days with precipitation (days)	
	Mean	Standard deviation	Mean	Standard deviation	Mean	Standard deviation	Mean	Standard deviation
Jan	11.9	10.5	10.5	1.5	103.5	103.5	10.5	1.5
Feb	20.5	15.5	10.5	1.5	99.5	103.5	10.5	1.5
Mar	39.5	25.5	10.5	1.5	117.5	103.5	10.5	1.5
Apr	59.5	35.5	10.5	1.5	163.5	103.5	10.5	1.5
May	79.5	45.5	10.5	1.5	163.5	103.5	10.5	1.5
Annual	100.5	55.5	10.5	1.5	417.5	103.5	10.5	1.5

# STREET WATERING.

Double Cart No. 32. Capacity 700 Gals.

Loads per day—Fresh, 35; Salt, None. Gallons used per day—Fresh, 24,500; Salt, None.

Area of Streets Watered.

Totals. Mileage of Streets Watered.

Gallons of water used.

1908.	Days Wat'd	Fresh	Salt	Total	Fresh	Salt	Total	Sq. yds. Fresh	Sq. yds. Salt	Sq. yds. Total
May	19-2	471,625	—	471,625	193.27	—	193.27	2,070,132.30	—	2,070,132.30
June	28-4	698,250	—	698,250	286.14	—	286.14	4,400,221.08	—	4,400,221.08
July	26-2	643,125	—	643,125	263.55	—	263.55	4,058,302.35	—	4,058,302.35
Aug.	23	503,500	—	503,500	230.92	—	230.92	3,555,808.44	—	3,555,808.44
Sept.	21-4	536,750	—	526,750	215.86	—	215.86	3,323,002.02	—	3,323,002.02
Oct.	13-6	336,875	—	336,875	138.05	—	138.05	2,125,808.85	—	2,125,808.85
Nov.	1	24,500	—	24,500	10.04	—	10.04	154,604.28	—	154,604.28
	133-2	3,204,625	—	3,204,625	1,337.83	—	1,337.83	20,001,020.31	—	20,001,020.31

# STREET WATERING.

Double Team No. 33. Capacity 600 Gals.

Loads per day—Fresh, 20; Salt, None. Gallons used per day—Fresh, 12,000; Salt, None.

Area of Streets Watered.

Mileage of Streets Watered.

Totals. Gallons of water used.

1908.	Days Wat'd	Gallons of water used.			Mileage of Streets Watered.			Area of Streets Watered.		
		Fresh	Salt	Total	Fresh	Salt	Total	Sq. yds. Fresh	Sq. yds. Salt	Sq. yds. Total
July	13-4	162,000	---	162,000	103.82	---	103.82	2,308,810.89	---	2,308,810.89
Aug.	19-4	234,000	---	234,000	149.96	---	149.96	3,421,028.73	---	3,421,028.73
Sept.	14	168,000	---	168,000	107.66	---	107.66	2,450,553.06	---	2,450,553.06
	47	564,000	---	564,000	361.44	---	361.44	8,247,002.58	---	8,247,002.58

**SUMMARY OF STREET WATERING.**  
Mileage of Streets Watered.

Curt.	Days.	Gallons of water used.			Mileage of Streets Watered.			Area of Streets Watered.		
		Fresh	Salt	Total	Fresh	Salt	Total	Sq. yds. Fresh	Sq. yds. Salt	Sq. yds. Total
No. 25	120-2	2,036,700	155,100	2,791,800	1,415.20	394.21	1,809.50	21,961,230.74	5,554,042.83	27,515,882.57
No. 27	134-6	3,234,000	-----	3,234,000	1,042.61	-----	1,042.61	23,811,413.78	-----	23,811,413.78
No. 28	122-4	2,205,000	294,000	2,499,000	541.46	60.04	601.50	10,315,137.00	2,123,331.70	12,438,468.70
No. 29	111-4	2,408,400	-----	2,408,400	1,314.59	-----	1,314.59	19,948,832.96	-----	19,948,832.96
No. 30	105-6	1,142,100	444,150	1,586,250	417.71	225.25	642.96	6,300,043.17	4,230,000.00	10,620,043.17
No. 31	106-4	-----	766,800	766,800	-----	747.65	747.65	-----	14,042,006.31	14,042,006.31
No. 32	133-2	3,264,625	-----	3,264,625	1,337.83	-----	1,337.83	20,601,020.31	-----	20,601,020.31
No. 33	47	564,000	-----	564,000	361.44	-----	361.44	8,247,002.58	-----	8,247,002.58
No. 10	101-6	1,780,625	-----	1,780,625	904.56	-----	904.56	10,719,180.53	-----	10,719,180.53
No. 14	87-6	1,167,075	-----	1,167,075	565.99	-----	565.99	6,092,129.76	-----	6,092,129.76
No. 16	131	1,879,850	-----	1,879,850	806.96	-----	806.96	11,052,035.08	-----	11,052,035.08
No. 17	119	1,606,500	-----	1,606,500	1,201.91	-----	1,201.91	13,005,831.30	-----	13,005,831.30
No. 18	109-2	1,911,875	-----	1,911,875	860.89	-----	860.89	13,361,235.07	-----	13,361,235.07
No. 19	96-6	1,219,050	-----	1,219,050	651.13	-----	651.13	6,962,420.07	-----	6,962,420.07
No. 20	108-6	1,468,125	-----	1,468,125	780.84	-----	780.84	9,737,399.55	-----	9,737,399.55
No. 22	102-2	1,165,650	-----	1,165,650	725.95	-----	725.95	7,169,798.63	-----	7,169,798.63
No. 36	116-4	1,386,350	81,550	1,467,900	702.51	45.44	747.95	7,030,400.20	386,724.08	7,417,133.28
No. 37	113-6	1,313,813	119,438	1,433,251	775.78	295.75	1,071.53	8,009,820.83	3,868,392.90	11,878,219.70
1977-2		30,353,738	1,861,038	32,214,776	15,007.45	1,768.34	16,775.79	204,414,971.15	30,205,180.88	234,620,158.03

**COMPARATIVE STATEMENT OF STREET WATERING.**

Year.	Days.	Gallons of Water Used.			Mileage of Streets Watered.			Area of Streets Watered.		
		Fresh	Salt	Total	Fresh	Salt	Total	Fresh	Salt	Total
1907	1973-2	29,622,914	2,245,075	31,867,989	14,918.61	1,812.24	16,730.85	202,983,848.35	30,867,466.84	233,851,315.19
1908	1977-2	30,353,738	1,861,038	32,214,776	15,007.45	1,768.34	16,775.79	204,414,971.15	30,205,186.88	234,620,158.03





## APPLYING DUSTOLINE.

This is the second year that we have applied dustoline to the roadbeds of certain streets, and we have used, during the past season three tank cars containing 24,219 gallons of the material.

The excellent result derived from the use of dustoline, is the fact, that it keeps the dust laid continually, while the effect of fresh water is temporary. Salt Sea Water is far superior to fresh water as a dust layer and can be applied much more economically than dustoline, because we have an ample supply of salt sea water constantly on hand, which costs us nothing with the exception of installing pumping stations, etc.

Dustoline in good dry weather will keep the dust laid for a period of from six to eight weeks. The life of the material is very much shortened, however, by heavy rain falls.

Under weather conditions as we experienced last summer, the cost of applying dustoline to a 20-foot roadbed was about \$225.83 per mile for the season, which is \$86.29 per mile less than last year. The reason for this difference in cost is accounted for, by the fact, that some of the streets which were treated last year did not require so heavy an application of the material this year.

The total cost of dustlaying this year is as follows: Watering, \$10,606.30; Applying of Dustoline, \$1,919.59; making a total cost of \$12,525.89.

Two hundred dollars (\$200.00) was donated this year toward the expense of applying dustoline.

The following is full and complete statistics in relation to the applying of dustoline, which has been carefully prepared by this office, viz.:

## REPORT OF STREET COMMISSIONER

## FIRST CAR OF DUSTOLINE.

First Application.		June 2 and 3, 1908.	
Street or Avenue.	Square Yards	Average Gal. per Sq. Yards	Gallons Used
Bellevue Ave., Kay St. to Balley's Beach .....	40,163	.107	4,321
Broadway, Equality Park to One Mile Corner .....	23,946	.112	2,700
	64,108		7,021
Average cost per square yard, .0086.			
			Total Cost \$112.46 213.00 \$325.46

## FIRST CAR OF DUSTOLINE.

Second Application.		June 16, 1908.	
Street or Avenue.	Square Yards	Average Gal. per Sq. Yards	Gallons Used
Bellevue Ave., Kay St. to East Bowery St. ....	7,961	.087	640
Broadway, Equality Park to One Mile Corner .....	23,946	.022	540
	31,906		1,080
Average cost per square yard, .0026.			
			Total Cost \$12.81 49.81 \$62.62

# REPORT OF STREET COMMISSIONER

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## SECOND CAR OF DUSTOLINE.

June 17, 18 and 19, 1908.

First Application.

Street or Avenue.	Square Yards.	Average Gal. per Sq. Yards.	Gallons Used.	Cost per Gallon Applied.	Total Cost.
Third St., Bridge St. to Training Station Road.....	10,339	.0904	940	.07925	\$74.49
Bridge St., Washington St. to Thames St.....	2,629	.153	404	.07925	32.08
Savers Wharf .....	1,625	.083	135	.07925	10.70
Government Wharf .....	1,706	.157	288	.07925	21.34
Kinsley Wharf .....	1,057	.127	135	.07925	10.70
Market Square, Ferry Wharf and Newman's Wharf.....	600	.446	268	.07925	21.24
Whittier Ave., 100 ft., Thames St., west.....	156	.0705	11	.07925	.87
Dennis Ave., 100 ft., Thames St., west .....	133	.067	9	.07925	.71
Wilcox Ct., 100 ft., Thames St., west .....	111	.072	8	.07925	.63
Sherman's Wharf, 100 ft., Thames St., west.....	166	.066	11	.07925	.87
Swinburne's Wharf, 100 ft., Thames St., west.....	156	.0705	11	.07925	.87
Champlin's Wharf, 100 ft., Thames St., west.....	111	.072	8	.07925	.63
Bull's Wharf, 100 ft., Thames St., west.....	167	.065	11	.07925	.87
Lopez Wharf, 100 ft., Thames St., west.....	178	.067	12	.07925	.95
Bowen's Wharf, 100 ft., Thames St., west.....	211	.071	15	.07925	1.19
Scott's Wharf, 100 ft., Thames St., west .....	200	.07	14	.07925	1.11
Cotton Court .....	350	.069	25	.07925	1.98

## REPORT OF STREET COMMISSIONER

SECOND CAR OF DUSTOLINE.  
June 17, 18 and 19, 1908.

First Application.

Street or Avenue.	Square Yards.	Average Gal. per Sq. Yards.	Gallons Used.	Cost per Gallon Applied.	Total Cost.
Langley's Wharf, 150 ft., Thames St., west.....	533	.138	74	.07925	\$5.87
Hamnett's Wharf, 150 ft., Thames St., west.....	183	.136	25	.07925	1.98
Sheffield's Wharf, 150 ft., Thames St., west.....	300	.136	41	.07925	3.25
Perry Mill Wharf, 150 ft., Thames St., west.....	550	.138	76	.07925	6.02
Bailey Court, 150 ft., Thames St., west.....	283	.137	39	.07925	3.09
Taylor Court, 150 ft., Thames St., west.....	383	.138	53	.07925	4.20
Brown & Howard's Wharf, 150 ft., Thames St., west.....	417	.139	58	.07925	4.60
Lee's Wharf, 150 ft., Thames St., west.....	417	.139	58	.07925	4.60
West Howard St., 150 ft., Thames St., west.....	350	.137	48	.07925	3.80
Spring Wharf, 150 ft., Thames St., west.....	467	.139	65	.07925	5.17
Commercial Wharf, north and south and between.....	6,725	.059	403	.07925	31.94
Coddington Wharf, 300 ft., Thames St., west.....	533	.073	39	.07925	3.09
Harrington St., 300 ft., Thames St., west.....	800	.073	59	.07925	4.68
Goodwin St., 300 ft., Thames St., west.....	700	.074	52	.07925	4.12
West Extension St., 300 ft., Thames St., west.....	867	.073	64	.07925	5.07
Waite's Wharf, 300 ft., Thames St., west.....	733	.073	54	.07925	4.28
East Bowery St., Bellevue Ave. to Middleton Ave.....	3,522	.114	403	.07925	31.94

## SECOND CAR OF DUSTOLINE.

First Application. June 17, 18 and 19, 1908.

Street or Avenue.	Square Yards.	Average Gal. per Sq. Yards.	Gallons Used.	Cost per Gallon Applied.	Total Cost.
Bath Road, Bellevue Ave. to Cliff Ave. ....	8,267	.113	940	.07925	\$74.49
Bath Road, foot of hill to Pavilion ....	5,588	.096	537	.07925	42.56
Old Beach Road, Bellevue Ave. to Gibbs Ave. ....	7,327	.073	537	.07925	42.56
Morton Ave. ....	4,225	.095	403	.07925	31.94
Chapel Place, Old Beach Road, south ....	727	.136	99	.07925	7.84
Redcross Ave., Old Beach Road, south ....	2,000	.018	36	.07925	2.85
Gould St. ....	1,927	.1105	213	.07925	16.88
Tilley Ave. ....	1,572	.110	173	.07925	13.71
Congdon Ave. ....	1,365	.1106	151	.07925	11.97
Kay St., Boulevard, Gibbs Ave. to foot of hill ....	5,166	.103	537	.07925	42.56
Average cost per square yard, .0078.	75,882		7,522		\$596.19

## SECOND CAR OF DUSTOLINE.

Third Application. July 10, 1908.

Street or Avenue.	Square Yards.	Average Gal. per Sq. Yards.	Gallons Used.	Cost per Gallon Applied.	Total Cost.
Broadway, Equality Park to One Mile Corner (24 ft. wide)	23,945	.022	537	.07925	\$42.56
Average cost per square yard, .0017.					

## REPORT OF STREET COMMISSIONER

## THIRD CAR OF DUSTOLINE

First Application	Street or Avenue	Square Yards	July 28, 1908		Gallons Used	Cost per Gallon Applied	Total Cost
			Average Gal. per Sq. Yards				
	Third St., Bridge St. to Training Station Road	10,389	.041		432	.07926	\$34.94
	Bridge St., Washington St. to Thames St.	2,629	.028		76	.07926	6.96
	Old Beach Road, Bellevue Ave. to Gibbs Ave.	7,327	.068		432	.07926	34.94
	Chapel Place, Old Beach Road, south	727	.062		38	.07926	3.01
	Redcross Ave., Old Beach Road, south	2,000	.063		106	.07926	8.40
	East Bowery St., Bellevue Ave. to Middleton Ave.	3,522	.0408		144	.07926	11.41
	Morton Ave.	4,226	.0604		253	.07926	10.88
	Harrington St., 300 ft., Thames St., west	800	.05		40	.07926	3.17
	Goodwin St., 300 ft., Thames St., west	700	.050		36	.07926	2.78
	Gould St.	1,027	.050		114	.07926	9.01
	Tilley Ave.	1,572	.050		93	.07926	7.37
	Congdon Ave.	1,305	.050		81	.07926	6.49
	Market Square, Ferry Wharf and Newman's Wharf	600	.24		144	.07926	11.41
	Cotton Court	360	.004		34	.07926	2.70
	Lopez Wharf, 100 ft., Thames St., west	178	.005		17	.07926	1.36
	Bull's Wharf, 100 ft., Thames St., west	167	.005		16	.07926	1.27
	Champlin's Wharf, 100 ft., Thames St., west	111	.09		10	.07926	.79

## THIRD CAR OF DUSTOLINE.

Second Application.

July 28, 1908.

Street or Avenue.	Square Yards.	Average Gal. per Sq. Yards.	Gallons Used.	Cost per Gallon Applied.	Total Cost.
Elm St. ....	2,416	.028	69	.07925	\$5.47
Dresser St. ....	2,053	.0701	144	.07925	11.41
Church St., 300 ft., Bellevue Ave., west (July 31) .....	567	.118	67	.07925	5.31
Mill St., 300 ft., Bellevue Ave., west (July 31) .....	567	.118	67	.07925	5.31
Pelham St., 300 ft., Bellevue Ave., west (July 31) .....	633	.118	75	.07925	5.95
Touro Park, west 200 ft. (July 31) .....	444	.119	53	.07925	4.20
John St., 300 ft., Bellevue Ave., west (July 31) .....	467	.117	55	.07925	4.36
Thomas St., John St. to Levin St. (200 ft.) (July 31) .....	267	.119	32	.07925	2.54
Levin St., 300 ft., Bellevue Ave., west (July 31) .....	500	.118	59	.07925	4.68
William St., 300 ft., Bellevue Ave., west (July 31) .....	400	.12	48	.07925	3.81
Bliss Road, Almy Ct. to Middletown Line (July 31) .....	3,833	.15	575	.07925	45.57
Ledge Road, (August 3) .....	7,050	.102	720	.07925	57.06
Lake View Ave. (August 10) .....	1,813	.079	144	.07925	11.41
Northam Lane (August 10) .....	1,000	.04	40	.07925	3.17
	22,010		2,148		\$170.25

Average cost per square yard, .0077.



THIRD CAR OF IMPROVEMENT

Second Application

Street or Avenue	Square Value	July 30, 1906		Total Value
		Assessed Val. per sq. Foot	Outstanding Permit	
Swabyrne's Wharf, 100 ft., Thames St., west	100	0000	00	01 00
Sherman's Wharf, 100 ft., Thames St., west	100	0000	00	01 00
Wilcox Court, 100 ft., Thames St., west	100	00	00	01 00
Dennis Ave., 100 ft., Thames St., west	100	0000	00	01 00
Whittier Ave., 100 ft., Thames St., west	100	0000	00	01 00
Bath Road (July 30)	13 60/100	0000	00	10 00
Bowen's Wharf, 100 ft., Thames St., west (July 30)	411	0000	00	01 00
Scott's Wharf, 100 ft., Thames St., west (July 30)	300	00	00	01 00
North Commercial Wharf (July 30)	4,000	0000	00	00 00
Kinsley's Wharf (July 30)	1,000	0000	00	01 00
Sayer's Wharf (July 30)	1,000	0000	00	01 00
South Commercial Wharf (July 30)	3,000	0000	00	01 00
Langley's Wharf, 150 ft., Thames St., west (July 30)	633	0000	00	01 00
Hammett's Wharf, 150 ft., Thames St., west (July 30)	183	0000	00	01 00
Perry Mill Wharf, 150 ft., Thames St., west (July 30)	500	0000	00	01 00
Balley Court, 150 ft., Thames St., west (July 30)	900	0000	00	01 00
Brown & Howard's Wharf, 150 ft., Thames St., west	417	0000	00	01 00

# REPORT OF STREET COMMISSIONER

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## THIRD CAR OF DUSTOLINE. Second Application.

Street or Avenue.	Square Yards.	July 30, 1908.		Cost per Gallon Applied.	Total Cost.
		Average Gal. per Sq. Yards.	Gallons Used.		
Lee's Wharf, 150 ft., Thames St., west .....	417	.081	34	.07925	\$2.70
West Howard St., 150 ft., Thames St., west .....	350	.08	28	.07925	2.22
Spring Wharf, 150 ft., Thames St., west .....	467	.081	38	.07925	3.01
West Extension St., 300 ft., Thames St., west .....	867	.0807	70	.07925	5.54
Waite's Wharf, 300 ft., Thames St., west .....	733	.0804	59	.07925	4.68
Coddington Wharf, 300 ft., Thames St., west .....	533	.0806	43	.07925	3.41
Kay St. Boulevard, 300 ft. (July 31) .....	1,000	.119	119	.07925	9.43
Average cost per square yard, .0041.				3.609	\$286.05

## THIRD CAR OF DUSTOLINE. Third Application.

Street or Avenue.	Square Yards.	July 30, 1908.		Cost per Gallon Applied.	Total Cost.
		Average Gal. per Sq. Yards.	Gallons Used.		
Third St., Bridge St. to Training Station Road .....	10,389	.027	288	.07925	\$22.83
Bellevue Ave., Kay St. to Bancroft Ave. ....	26,911	.021	575	.07925	45.57
Average cost per square yard, .0018.				863	\$68.40

## THIRD CAR OF DUSTOLINE. Fourth Application.

Street or Avenue.	Square Yards.	August 2, 1908.		Cost per Gallon Applied.	Total Cost.
		Average Gal. per Sq. Yards.	Gallons Used.		
Bellevue Ave., Kay St. to Bancroft Ave. ....	26,911	.016	422	.07925	\$34.24
Broadway, Equality Park to One Mile Corner .....	23,945	.03	719	.07925	56.94
Third St., Bridge St. to Training Station Road .....	10,389	.027	288	.07925	22.83
Average cost per square yard, .0018.				1,429	\$114.02

## REPORT OF STREET COMMISSIONER

## QUARRY AND CRUSHER.

The work of quarrying and crushing stone commenced on the 9th day of March and continued until the 3rd day of September. The weigher was continued at work until October 10th, when the plant was closed for the winter.

The amount of stone quarried and crushed during the season is as follows: Ledge stone, 5 tons; crushed stone, 8,446 tons; making a total production of 8,451 tons.

The cost of quarrying and crushing stone this year was \$0.983 per ton, which is just one cent more per ton than last year; this is accounted for, to a certain extent, by the half-holiday which was granted to the employees of the department by a resolution passed by your Honorable Body. However, the expense of quarrying and crushing stone has been very much reduced during the past two years by the use of steam drills. The cost in former years was from \$1.16 to \$1.20 per ton when the stone was quarried by hand drills.

## STEAM ROAD ROLLERS.

The re-macadamizing and re-surfacing of streets commenced on the 30th day of March and continued until the 10th day of October when the work was shut down because the appropriation for this purpose was exhausted.

Steam Roller No. 3 was retired on the 13th day of July because the amount of the appropriation did not warrant the continuance of its use. Steam Rollers No. 1 and No. 2 were retired on October 10th.

The rollers were then taken apart, thoroughly cleaned and oiled and made ready to put together again for next season's work.

## TARVIA "A".

This department has again this year, although in a different manner, applied a coal tar appropriation called "Tarvia" to certain streets. Tarvia "A" which is heated before applying was used on the quarters of roadbeds and is an excellent preventative from washouts on our steep grade streets, which is caused by very heavy rain falls. The total cost for applying this material was \$329.90 and we covered an area of about 851.6 square yards, making an average cost of \$0.386 per square yd. The following is a list of streets which were tested with tarvia "A", viz.:

Cannon Street .....	436 ft. x 2 ft.	96.8 Sq. Yds.
Perry Street .....	675 ft. x 2 ft.	150.0 "
Church Street .....	1,270 ft. x 2 ft.	282.2 "
Mary Street .....	425 ft. x 2 ft.	94.4 "
Mann Avenue .....	1,027 ft. x 2 ft.	228.2 "
Total .....	3,833 ft. x 2 ft.	851.6 Sq. Yds.

## TARVIA "B".

Tarvia "B" which was first used this season is applied cold and with ordinary watering cart. The roadbed is first swept clean, the material is then applied and covered with a light coat of coarse sand or fine trap rock. This material makes an excellent dustlayer and preserver of macadam roadbeds, and I recommend a continuance of its use next season, especially upon our steep grade streets. The total cost of applying tarvia "B" this year was \$461.54 and about 12,900.4 square yards of surface was covered, making an average cost of \$0.036 per square yard. The following is a complete list of the streets which were treated with Tarvia "B" viz.:

	Sq. Yds.
Webster Street (Thames to Spring) .. 894 ft. x 22 ft.	2185.3
Carey Street .....	856 ft. x 20 ft. 1902.2
Dearborn Street .....	594 ft. x 22 ft. 1452.0
Bull Street .....	1139 ft. x 17 ft. 2151.4
Mann Avenue .....	1027 ft. x 21 ft. 2396.3
Old Beach Road (Gibbs Ave., east) ..	670 ft. x 24 ft. 1786.6
Catherine Street (Gibbs to Eustis) ..	420 ft. x 22 ft. 1026.6
	<hr/>
	12900.4

## THAMES STREET PAVEMENT.

Thames Street has at last received a good durable pavement and the only kind of pavement that will resist the heavy traffic which this street constantly receives.

The work was started on April 2nd and the pavement was fully completed on June 24th, which I consider a remarkable short time for the construction of such a large proportion and I also desire to commend the contractors and the employees of the department for the first class workmanlike manner in which the pavement is constructed.

The excavation, repairs to man-holes, resetting curbs, relaying crossings, etc., and the grouting of the finished pavement was performed by this department.

The Hassam Foundation was laid under the supervision of Simpson Brothers Corporation of Boston, Mass., for the sum of Thirty (30) cents per square yard; they furnishing a superintendent, a Hassam Grout Mixer, a steam roller, man to operate same, also to keep their machinery in repair; the city of Newport to furnish all other materials and labor in the construction of the foundation, also to furnish all fuel, oil and gasoline for the roller and mixer.

The laying of the Granite Block Paving was laid under contract by Mr. August J. Langefeld of Barre, Vermont for the sum of Twenty-seven (27) cents per square yard; the contractor furnishing

all expert labor and the City of Newport furnishing all materials and ordinary labor.

The Granite Blocks were furnished by Messrs. Hooper, Havey & Company of North Sullivan, Maine, and Messrs. Booth Brothers & Hurricane Isle Granite Company of New York, N. Y.; the former furnished 4,410 square yards of granite blocks at \$1.42 per square yard; the latter furnished 4,554.2 square yards of granite blocks at \$1.40 per square yard and 8,649 square yards of granite blocks at \$1.37 per square yard.

Messrs. Friend and Maguire of this city furnished under contract the Alpha Brand of Portland Cement for the sum of \$1.34 per barrel, in paper bags; they also received five cents per barrel for delivery from the cars and ten cents per barrel for delivery from their yard. They furnished 2,586 $\frac{1}{4}$  barrels of cement.

The gravel was furnished by Mr. J. K. Sullivan, who received the contract for furnishing gravel to the department during the municipal year of 1908.

The 3,045 tons of crushed stone which was used in the construction of the foundation was furnished from the city quarry.

The total cost of Thames Street Pavement is \$60,616.17 less the sum of \$500.15 which was received from the sale of Asphalt Blocks, making the net cost of the pavement to be \$60,116.02 or \$8,883.98 less than the estimate.

The sum of \$452.55 which was expended for repairs to man-holes, man-hole covers, resetting curbs and crossings was not included in the estimate but was paid for out of the appropriation.

The following streets were covered with the material taken from Thames Street excavation, viz.: West Narragansett Avenue, from Marchant to Roseneath Avenue; Marchant Street; Slocum Street, from East Bowery to Middleton Avenue; Gardiner Street; Van Zandt Avenue, from Second Street, west; Ashurst Place and West Street; covering a total area of 11,324.3 square yards.

About seventy (70) thousand hard bricks which were taken from the gutters of lower Thames Street will be quite a saving to the department in the building of catch basins and other work; these brick are worth at least \$6.00 per thousand.

Taking into consideration the amount received from the sale of the Asphalt Blocks, the estimated value placed upon the brick and the covering of 11,000 square yards of area in re-surfacing of streets, it would materially reduce the cost of the pavement at least \$3,000.00.

We have on hand about thirteen thousand granite blocks belonging to Messrs. Hooper, Havey & Company of North Sullivan, Maine, which will have to be paid for from some other source than the appropriation for Thames Street Pavement.

The cost per square yard and total cost for laying the completed pavement is as follows, viz.:

# REPORT OF STREET COMMISSIONER

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	Sq. Yds.	Cost per Sq. Yd.	Total cost.
Excavation, etc. ....	17,613.3	\$0.278	\$4,904.29
Foundation .....	17,212.8	0.876	15,087.83
Block paving and grouting ..	17,613.2	2.306	40,624.05
<b>Total</b> .....		<b>\$3.45</b>	<b>\$60,616.17</b>

I take pleasure in submitting the following detailed report of  
Thames Street Pavement, viz.:

4,410	sq. yds. granite blocks @ \$1.42	.....	\$6,262.20	
4,554.2	sq. yds. granite blocks @ 1.40	.....	6,375.88	
8,649	sq. yds. granite blocks @ 1.37	.....	11,849.13	
<b>17,613.2</b>	<b>sq. yds. granite blocks</b>		<b>\$24,487.21</b>	
Towage and lightering			60.00	
Wharfage			743.75	
				<b>\$25,290.96</b>
3,821-5 tons gravel @ 91c			3,477.11	
Wharfage on 2,991-215 tons gravel @ 10c			299.11	
Weighing gravel			128.90	
				<b>3,905.12</b>
2586¼ bbls. Portland Cement @ \$1.34			3,465.57	
Ctg. of 2,174¼ bbls. cement from cars @ 5c.			108.73	
Ctg. of 369 bbls. cement from yard @ 10c.			36.90	
Labor allowed for bagging cement			30.00	
Car demurrage allowed			13.00	
				<b>3,654.20</b>
17,212.8 sq. yds. Hassam Foundation @ 30c				5,163.84
17,613.2 sq. yds. laying granite blocks @ 27c			4,755.57	
3.0 sq. yds. laying granite blocks @ 27c			.95	
				<b>4,756.52</b>
3,045 tons crushed stone (from city quarry)			3,045.00	
Paid J. Stacy Brown for above stone @ 9½c			289.29	
Paid for cartage of above stone			1,484.87	
				<b>4,819.16</b>
Lumber and cartage				164.09
90-1250 tons trap rock			181.25	
102¼ days city teams			204.50	
6 days steam roller			23.64	
				<b>409.39</b>
Other materials such as shovels, picks, hard- pan plow, gasoline, kerosene, red lanterns, wheelbarrows, man-hole covers and rims, fuel for roller, etc.				717.56
Labor paid as per pay rolls, viz.:				
Excavation			\$4,240.46	
Foundation			1,626.73	
Block paving and grouting			5,645.76	
Crossings, reset curbs, man-hole covers and rims, etc. (setting)			222.38	11,735.33
<b>Total</b> .....				<b>\$60,616.17</b>

## REPORT OF STREET COMMISSIONER

## Receipts.

Appropriation .....	\$69,000.00
Amount received for sale of asphalt blocks and deposited with City Treasurer from time to time .....	500.15
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	\$69,500.15

## Disbursements.

By paid for materials .....	\$24,697.89
By paid for labor .....	35,918.28
By balance unexpended .....	8,883.98
	<hr/>
	\$69,500.15

Further details of expenditure is as follows, viz.:

DETAILED EXPENDITURES OF THAMES STREET  
PAVEMENT.

1 Fuller Iron Works, manhole covers and rims .....	\$108.00
2 Freight on manhole covers and rims .....	3.52
3 Alex N. Barker & Co., lumber, etc. ....	5.10
4 Freight of blocks .....	315.52
5 Freight of blocks .....	304.42
6 Freight of blocks .....	295.28
7 Freight of blocks .....	800.00
8 John H. Sullivan, cartage crushed stone .....	100.00
9 Freight of blocks .....	301.50
10 August J. Langefeld, laying block paving .....	324.00
11 Freight of blocks .....	450.00
12 Freight of blocks .....	241.55
13 August J. Langefeld, laying block paving .....	481.55
14 George A. Weaver Co., wheelbarrows, etc .....	85.78
15 Standard Oil Co., gasoline .....	6.00
16 Simpson Bros. Corp., laying Hassam foundation ..	1,316.64
17 William B. Scott & Co., gasoline, etc. ....	1.70
18 The Peckham Co., shovels, etc. ....	18.00
19 J. K. Sullivan, gravel .....	752.32
20 D. J. Sullivan & Co., weighing gravel .....	15.40
21 Alex N. Barker & Co., lumber, iron bars, etc. ....	18.40
22 J. D. Johnston, lumber .....	164.09
23 D. E. Sullivan, can .....	1.50
24 Waldo Brothers, screens .....	11.50
25 Newport Foundry & Machine Corp., brass tags ..	.75
26 Newport Water Works, nipples, etc. ....	2.10
27 E. S. Peckham, fuel .....	18.06
28 Western Union Telegraph Co., telegram .....	.89
29 Express and telegram .....	3.33
30 Friend & Maguire, cement .....	981.92
31 T. T. Pitman, advertising .....	4.50
32 Herald Publishing Co., advertising .....	4.50
33 John H. Sullivan, crushed stone, cartage .....	423.01
34 J. Stacy Brown, stone .....	101.78
35 E. F. Hughes, canvas .....	3.00
36 Hooper, Havey & Co., granite blocks .....	1,393.02
37 August J. Langefeld, laying block paving .....	515.78
38 Freight of blocks .....	237.50
39 August J. Langefeld, laying block paving .....	321.00

# REPORT OF STREET COMMISSIONER

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40	Freight of blocks .....	390.00
41	August J. Langefeld, laying block paving .....	506.57
42	Freight of blocks .....	300.00
43	Freight of blocks .....	680.00
44	Freight of blocks .....	450.00
45	August J. Langefeld, laying block pavement ....	407.85
46	Alex N. Barker & Co., hose .....	9.00
47	William K. Covell, iron palls, etc. ....	4.55
48	Friend & Maguire, cement .....	1,525.90
49	Fuller Iron Works, manhole covers and rims .....	108.00
50	James H. Hart, paint .....	1.00
51	E. S. Peckham, fuel .....	27.09
52	Providence Telephone Co., toll calls .....	3.10
53	A. & H. G. Hammett, picks, iron bars, etc. ....	12.88
54	Standard Oil Co., gasoline .....	9.60
55	Perrin, Seamans & Co., lantern globes .....	7.50
56	Ames Plow Co., plow .....	20.84
57	George A. Weaver Co., poultry netting .....	3.00
58	J. K. Sullivan, wire, etc. ....	11.90
59	Western Union Telegraph Co., telegram .....	.69
60	William B. Scott & Co., shovels .....	13.00
61	John H. Sullivan, cartage crushed stone .....	522.30
62	J. Stacy Brown, stone .....	103.38
63	Freight, manhole covers and rims .....	3.20
64	Simpson Bros. Corp., laying Hassam foundation ..	1,847.83
65	J. K. Sullivan, gravel .....	1,785.30
66	D. J. Sullivan & Co., weighing gravel .....	77.00
67	J. J. Connell, kerosene .....	15.00
68	Booth Bros. & Hurricane Isle Granite Co., granite blocks .....	6,896.48
69	August J. Langefeld, laying block paving .....	416.36
70	August J. Langefeld, laying block paving .....	436.54
71	August J. Langefeld, laying block paving .....	361.56
72	August J. Langefeld, laying block paving .....	985.31
73	The Peckham Co., shovels and picks .....	16.75
74	William K. Covell, repairing watering pot .....	.75
75	M. F. Shea, sharpening tools, etc. ....	30.55
76	E. S. Peckham, fuel .....	18.89
77	Newport Engineering Works, repairing hydrant ..	.50
78	Postal Telegraph Cable Co., telegram .....	64
79	J. J. Dugan, cement bags .....	5.00
80	Standard Oil Co., gasoline .....	7.80
81	A. R. O'Hanley, oatmeal .....	1.00
82	D. J. Sullivan & Co., weighing gravel .....	36.50
83	Providence Telephone Co., toll calls .....	2.00
84	Hayman & Nason, contract replacing plate glass ..	30.00
85	J. J. Connell, kerosene .....	7.50
86	D. E. Sullivan, picks and handles .....	6.00
87	Hooper, Havey & Co., granite blocks .....	3,410.91
88	Booth Bros. & Hurricane Isle Granite Co., blocks ..	8,021.03
89	George A. Weaver Co., sand screens .....	9.00
90	Simpson Bros. Corp., laying Hassam foundation ..	1,999.37
91	Alex J. Fludder, pipe .....	1.40
92	J. K. Sullivan, grave .....	1,238.60
93	Friend & Maguire, cement .....	1,157.38
94	Alex Booth, cement bags .....	16.00
95	John H. Sullivan, cartage crushed stone .....	439.56
96	J. Stacy Brown, stone .....	84.13



## REPORT OF STREET COMMISSIONER

17	1/2" Blue, cherted, etc. etc.	5.30
18	1/2" Blue, cherted, etc. etc.	15.00
19	1/2" Blue, cherted, etc. etc.	25.00
20	1/2" Blue, cherted, etc. etc.	2.574.23
21	1/2" Blue, cherted, etc. etc.	1.00
	<b>Total</b>	<b>2,615.53</b>

**2,615.53**

## BROADWAY AND SPRING STREET PAVEMENTS.

At the request of the Board the attention of your honorable body is called to the pavements of Broadway and Spring Streets.

Warren Brothers Company contract with the city expired last August and the contractors made the necessary repairs at that time as called for in their contract agreement.

As the pavement repair needs as to be re-surfaced and I have to be in the office a communication from Warren Brothers Company of Boston, Mass., under date of December 19th, 1908, where they offer to re-surface repair and put the pavements in a first class condition for the sum of 50 cents per square yard. There is about 2,615 square yards of macadam altogether. In both cases, which at the above price submitted would amount to \$1,307.50, and deducting the amount that would have to be assumed by the railway companies it would reduce the net cost to the city to about \$1,000.00.

I recently recommended that the proposition of Warren Brothers Company be accepted and that the pavements be re-surfaced as soon as possible next year, because it would greatly preserve the life of the same. If neglected for another year the pavements will gradually become full of holes, be dangerous to public travel and will cost the city nearly double the price that is now submitted, to repair the same.

Spring Street pavement in various places is now becoming full of holes and I will have to make temporary repairs to the same very soon.

## STREETS RE-MACADAMIZED.

The following streets have been re-macadamized this year and full statistics of same will be found in another part of this report: East Street; Mill Street, from Spring to Bellevue Avenue; Narragansett Avenue, from Spring to Bellevue Avenue; Warner Street, from Farewell to Spruce Street; Van Zandt Avenue, from Second Street, west; Pope Street, from Spring Street, east; Brewer Street, Young Street; Bliss Road, from Broadway to Middletown line and Marlborough Street, from Thames Street to Broadway.

## STREETS RE-SURFACED AND ROLLED.

The following streets have been re-surfaced and rolled and full statistics of same will be found in another part of this report:

Third Street, from Battery Street to Training Station Road; Washington Square; Bridge Street; Harrison Avenue, near "Golf Club;" and Narragansett Avenue, from Thames to Spring Street.

#### **BAILEY'S BEACH WATERING STATION.**

The new tank that was to be located at Bailey's Beach was purchased under contract with Messrs. George A. Weaver & Company, they being the lowest bidders, for the sum of one hundred and ninety-eight (\$198.00) dollars. Although the foundation was built the new tank was not placed in position because of the objections of the Spouting Rock Association.

I would suggest that some nearby location be determined upon before next year because Ocean Avenue at this point and other nearby roadbeds suffered severely from the non-use of salt sea water, last season.

#### **EASTON'S BEACH.**

During the summer and early fall a man is constantly employed clearing up the roadway, mowing the grass plat, etc., at Easton's Beach. The asphalt block sidewalk was repaired and the iron fence has been thoroughly scraped and repainted.

#### **FORTY STEPS.**

Extensive repairs were made this year at Forty Steps; the carpenter work was performed under contract with Mr. Thomas Lucas for the sum of ninety-nine 24-100 (\$99.24) dollars. The iron hand rail has also been repaired and repainted by the employees of this department.

#### **VAN ZANDT AVENUE PIER.**

The pier at the end of Van Zandt Avenue has been repaired under contract with Mr. Thomas Lucas for the sum of forty-seven 89-100 (\$47.89) dollars.

#### **ANN STREET PIER.**

Minor repairs were made to the Ann Street Pier.

#### **ELM STREET PIER.**

A granolithic sidewalk was built at the Elm Street Pier to take the place of the plank walk as I considered that granolithic was more economical in the course of time. The sidewalk was constructed by the employees of this department, is about 187 feet in length and cost \$201.60. Other repairs were made to the pier by Messrs. Burbidge Company amounting to \$36.00. Materials \$10.58.

#### **VAN ZANDT AVENUE BRIDGE.**

The iron work underneath the Van Zandt Avenue Bridge has been thoroughly scraped and re-painted under contract with

**REPORT OF STREET COMMISSIONER**

Mr. T. B. Dawley, the lowest bidder, for the sum of one hundred and eighty seven 91-100 (\$187.91) dollars; other repairs to the bridge were made by the employees of this department.

**EASTON'S BEACH BRIDGE.**

Easton's Beach Bridge was repaired and the Town of Middletown reimbursed the city for one-half of the expense.

I would recommend that a good substantial bridge be built to replace this old out-of-date bridge. Prompt action should be taken in the matter to take all due precautions against any accident that might happen; the present bridge is a menace to public travel.

**OTHER BRIDGES.**

The bridges at Water Works Road, Malbone Avenue and the bridge on Ocean Avenue near "Goose Neck" were repaired.

**CITY FOUNTAINS.**

The various fountains located throughout the city were cleaned and repaired when needed, at an expense of \$34.28.

**TOURO STREET.**

The roadbed of Touro Street has been repaired from time to time during the year at an expense of \$87.24 and the department has been reimbursed from the Touro Street Fund.

I again recommend that a granolithic sidewalk be laid on the north side of Touro Street in front of the "Mall," as I consider the same dangerous to public travel.

**COGGESHALL AVENUE IMPROVEMENT.**

I again call your attention to the continuance of the improvement of Coggeshall Avenue, from Ruggles Avenue, south. I would recommend that the city appropriate the sum of \$5,000.00 each year until the improvement of this highway is completed.

**CLEANING SETTLING TANK.**

The settling tank located on Briggs Wharf was thoroughly cleaned and the material towed to sea at an expense of \$438.06.

I would recommend that a first-class centrifugal pump be installed so that this filthy tank can be cleaned without making it necessary for the men to enter the same.

**SEWERS.**

The following sewers were built to relieve the adjoining abutters of their house waste, viz.: Washington Street Extension; Extension Street; and Jury Court. The storm overflow at Harrison Avenue was also extended.

**SLOCUM STREET MACADAM.**

Slocum Street from East Bowery Street to Middletown Avenue was macadamized and the expense of the work was considerably reduced by using in part, the material removed from the excavating of Thames Street. The appropriation was \$800.00; expenditure \$254.75, leaving a balance of \$545.25, which was transferred to appropriation (h) for the re-macadamizing of streets, by resolution of your honorable body, passed September 11th, 1908.

**GARDINER STREET REPAIRS.**

Gardiner Street was repaired and put in an excellent condition; the roadbed of this street was also covered with the material taken from Thames Street. The sidewalk was also made with a grass border. The appropriation for this work was \$400.00; the expense, \$218.27, leaving a balance of \$181.73, which was also transferred to appropriation (h) by resolution.

**TRAINING STATION ROAD CROSSING.**

This crossing on Training Station Road was placed at a point near the Cloyne School House; the appropriation was \$40.00; the expenditure, \$29.24, which left a balance of \$10.76, which was also transferred to appropriation (h) by resolution.

**GARFIELD STREET SEWER.**

The sewer of Garfield Street was extended for a distance of fifty-five feet to accommodate certain taxpayers; the appropriation was \$150.00; the expenditure \$148.70, which left a balance of \$1.30, which was also transferred to appropriation (h) by resolution.

**BYRNES STREET SEWER.**

The sewer in Byrnes Street was relaid where it was found necessary to do so; the appropriation was \$350.00; the expense \$294.64, leaving a balance of \$55.36, which was also transferred to appropriation (h) by resolution.

**OCEAN AVENUE SEA WALL.**

In accordance with my suggestion which I made in my report of last year you made an appropriation for the building of a sea wall at the dangerous point on Ocean Avenue between "Kinney's" and Graves Point. Your appropriation of \$1,250.00, however, only covered one-half of the estimated cost of the work. I suppose this was done with the expectation that you would receive an equal amount from the owners of the opposite property, The R. I. Kennedy Estate; but not receiving any assistance from this source, and the increasing danger that was being realized, not only to public travel, but to the roadbed of Ocean Avenue, your honorable body on November 27th, 1908, passed a resolution for an addi-

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# REPORT OF STREET COMMISSIONER

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	Ledge Crushed	
	Tons.	Tons.
Warner Street .....		253
Marlborough Street .....		281
Young Street .....	1	
Easton's Beach .....		1
Roller House floor .....		16
Whitfield Court .....	3	8
Slocum Street .....		47
Gardiner Street .....		30
Thames Street Pavement .....		3,045
Crusher, on hand December 19, 1908 .....		96
City Yard, on hand December 19, 1908 .....		143
	5	8,613
City Yard, on hand December 21, 1907 .....		166
From Quarry during the year of 1908 .....	5	8,351
On hand at Quarry December 19, 1908 .....		96
	5	8,613

## STATEMENT OF TRAP ROCK.

	Tons.	Pounds.
Thames Street Pavement .....	90	1,250
Narragansett Avenue .....	130	830
Bellevue Avenue .....	169	1,570
General repairs to streets .....	154	1,020
Charged to abutters .....	45	1,950
Touro Street .....	31	1,990
Roadbeds of certain streets with Tarvia "B" .....	9	720
Quarters of roadbeds with Tarvia "A" .....	20	870
Snow and Ice .....	25	000

Total purchased ..... 795 1,400

Following will be found the usual tables, giving in detail the account of operations and expenditures of the department during the year.

Respectfully submitted,

J. K. SULLIVAN,

Street Commissioner.

## SEWER PERMITS.

During the year 63 permits to connect with sewers were issued, making a total to date of 3,444 since the system was adopted in 1884.

The number and description of fixtures connected were as follows:—

	Previously reported.	1908.	Total.
Water closets .....	3,273	120	3,393
Laundry tubs .....	1,578	65	1,643
Sinks .....	4,169	75	4,244
Bath tubs .....	1,544	67	1,611
Cellar drains .....	1,480	38	1,518
Bowls .....	324	31	355
Land drains .....	106	4	110

## STREETS RE-MACADAMIZED.

## Street or Avenue.

Tons Trap Rock	Tons Crushed Stone	Days Steam Roller	Avg. Depth Work	Length Feet	Width Feet	Sq Yds.	Cost Per Sq Yd.	Total Cost
E 7 St.	40	3	3 in	253	12	3036	180	\$504.00
Mad St. Spring to Bellevue Ave.	92	11	3 in	915	18	16470	60	\$988.20
Nutfield on Ave. Spring to Bellevue.	112	21	4 in	500	30	15000	90	\$1350.00
Warner St. Farwood to Spruce St.	178	9	5 in	1,100	15	16500	90	\$1485.00
Van Zandt Ave. Second St. west	50	8	4 in	400	9	3600	180	\$648.00
Van Zandt Ave. Second St. east	101	6½	4 in	309	13	4017	110	\$441.87
Brook St.	110	7½	4 in	400	14	5600	110	\$616.00
Young St.	182	11½	5 in	400	10	4000	110	\$440.00
Bloss Rd. Pkwy to Middletown Line	1513	92	7 in	2,075	25	51937	110	\$5713.07
Dearborn St.	211	15	5 in	500	22	11000	110	\$1210.00
Marlborough St. Thames to Broadway.	281	15	6 in	800	24	19200	110	\$2112.00
	2,063	205½		9,297		92,315	300	\$27,694.50

## STREETS RESURFACED AND ROLLED.

## Street or Avenue.

Tons Trap Rock	Tons Crushed Stone	Days Steam Roller	Length Feet	Width Feet	Sq Yds.	Cost Per Sq Yd.	Total Cost
Washington Square	72	0	650	60	3900	60	\$234.00
Bridge St.	218	21	1,173	18	21234	100	\$2123.40
Harrison Ave. near "Golf Club"	84	5	900	15	13500	130	\$1755.00
Narragansett Ave., Spring to Thames St.	50	5	810	35	28350	60	\$1701.00
Third St., Battery to Training Station Road.	108	21	3,822	15	57330	60	\$3439.80
Warner St., Spruce to Pond Ave.	75	5½	315	15	4725	300	\$1417.50
	128	55½	7,970		18,824	105	\$1,976.07

NEW DRIVEWAYS PAVED.

Fair St. at C. Gladding's .....	15 ft. x 3 ft.
Broadway at J. S. Ramlose's .....	8 ft. x 3 ft.
Broadway at George Stanhope's .....	9 ft. x 3 ft.
Barney St. at Dr. Sullivan's .....	13 ft. x 3 ft. 6 in.
Bellevue Ave. at L. Q. Jones (2) .....	40 ft. x 2 ft. 6 in.

DRIVEWAYS REPAIRED.

Young St. at No. 7 Engine House .....	60 ft. x 14 ft.
Rhode Island Ave. at G. N. Weaver's .....	8 ft. x 6 ft.
Thames St. at Ann St. Pier .....	12 ft. x 2 ft.

NEW CROSSINGS LAID.

Training Station Road .....	25 ft. x 4 ft.
Broadway at Whitehall St. ....	15 ft. x 5 ft.

CROSSINGS RE-SET.

Elm St. and Cross St. ....	21 ft. x 6 ft.
Broadway at Brook's Ave. ....	40 ft. x 3 ft. 6 in.
Broadway at Friendship St. ....	42 ft. x 6 ft.
Broadway at Bliss Road .....	45 ft. x 6 ft.
Broadway at Gould St. ....	40 ft. x 7 ft.
Broadway at Rhode Island Ave. ....	40 ft. x 7 ft.
Broadway at Bay View Ave. ....	40 ft. x 7 ft.
Broadway at Powel Ave. ....	40 ft. x 7 ft.
Broadway at Calvert St. ....	45 ft. x 6 ft.
Broadway at Equality Park .....	38 ft. x 9 ft.
Cranston Ave. at Broadway .....	23 ft. x 7 ft.
Everett St. at Broadway .....	24 ft. x 10 ft.
Mann Ave. at Broadway .....	28 ft. x 10 ft.
Greenough Place at Ayrault St. ....	36 ft. x 9 ft.
Ayrault St. at Greenough Pl. ....	22 ft. x 6 ft.
Francis St. at Everett St. (north side) .....	21 ft. x 8 ft.
Francis St. at Everett St. (south side) .....	21 ft. x 8 ft.
Tyler St. at Rhode Island Ave. ....	15 ft. x 8 ft.
Rhode Island Ave. at Tyler St. ....	15 ft. x 7 ft.
Pelham St. at Channing Church .....	21 ft. x 9 ft.
Washington Square opp. Woman's Exchange .....	60 ft. x 6 ft.
Bellevue Ave. at Jones Ave. ....	40 ft. x 10 ft.
Mann Ave. at Kay St. ....	25 ft. x 6 ft.
Pelham St. at Corne' St. ....	21 ft. x 9 ft.
Mann Ave. at Broadway .....	28 ft. x 10 ft.
Tilden Ave. at White St. ....	30 ft. x 4 ft.
Tilden Ave. at Warner St. ....	21 ft. x 6 ft.
Thames St. at Brewer St. ....	28 ft. x 6 ft.
Thames St. at Bridge St. ....	42 ft. x 2 ft.
Thames St. at North Baptist St. ....	18 ft. x 4 ft.
Thames St. at Marlborough St. ....	27 ft. x 4 ft.
Thames St. at West Marlborough St. ....	51 ft. x 3 ft.
Thames St. at Wellington Ave. ....	63 ft. x 7 ft.
Thames St. at Richmond St. ....	33 ft. x 3 ft.
Thames St. at Dean Ave. ....	24 ft. x 2 ft.
Thames St. at Mill St. ....	27 ft. x 2 ft.
Thames St. at Market Square .....	22 ft. x 2 ft.
Thames St. at Perry Mill Wharf .....	35 ft. x 4 ft.



## REPORT OF STREET COMMISSIONER

.....	3 ft x 2 ft
.....	2 ft x 2 ft
.....	2 ft x 2 ft
.....	2 ft x 2 ft

## NEW DOUBLE GUTTER

.....	210 ft x 2 ft
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## DOUBLE GUTTER REPAVED

.....	964 ft x 2 ft
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## GUTTERS REPAVED

.....	75 ft x 2 ft 6 in
.....	257 ft x 2 ft
.....	452 ft x 4 ft
.....	106 ft x 2 ft
.....	20 ft x 2 ft
.....	1,057 ft x 2 ft
.....	381 ft x 2 ft
.....	220 ft x 2 ft
.....	309 ft x 2 ft
.....	428 ft x 2 ft
.....	75 ft x 2 ft
.....	448 ft x 2 ft
.....	246 ft x 3 ft
.....	165 ft x 2 ft

## CURBS RE-SET

Broadway from Manwaring to Tenth Estate .....	477 ft.
Mt. St. at J. L. Robinson's .....	187 ft.
Ayrault St. from Greenwood Pl. south (West side) .....	400 ft.
Ayrault St. from Greenwood Pl. south (West side) .....	110 ft.
Ayrault St. from Catherine St. north (East side) .....	380 ft.
Ayrault St. from Kay St. south (West side) .....	410 ft.
Ayrault St. from Kay St. west (Two sides) .....	225 ft.
Rhode Island Ave. Francis to Catherine St. (West side) .....	622 ft.
Cranston Ave. from Broadway east (North side) .....	428 ft.
Newport Ave. (South side) .....	168 ft.
Francis St., Ayrault St. to Rhode Island Ave. (North side) .....	525 ft.
Francis St., Ayrault St. to Rhode Island Ave. (South side) .....	410 ft.
Broadway, Calvert St. to Cranston Ave. ....	222 ft.
Tyler St., (East side) .....	330 ft.
Kay St. from Ayrault St. south (East side) .....	322 ft.
Munn Ave. from Broadway east (South side) .....	660 ft.
Pope St. from Spring St. east (South side) .....	356 ft.
Brewer St. (South side) .....	437 ft.
Spring St., Narragansett Ave. to Coggeshall Ave. (East) ..	819 ft.
Spring St., Narragansett Ave. to Lee Ave. ....	813 ft.
Bellevue Ave. at Perry Belmont's .....	365 ft.
Bellevue Ave. at L. Q. Jones .....	338 ft.
Thames St. at Lead Works .....	10 ft.
Thames St., Pope St. to Extension St. ....	144 ft.
Middleton Ave. corner Weaver Ave. ....	38 ft.
Washington Square (South side) .....	370 ft.

9,508 ft.

STREETS COVERED WITH MATERIAL FROM THAMES STREET  
AND ROLLED.

	Length	Width	Sq. yds.
Clinton St. ....	700 ft.	25 ft.	1,944.4
Marchant St. ....	625 ft.	25 ft.	1,736.1
West St. ....	446 ft.	11 ft.	545.1
W. Narragansett, Marchant to Rosenearth . . . . .	825 ft.	30 ft.	2,761.1
Slocum St., East Bowery to Mid- dleton . . . . .	506 ft.	35 ft.	1,967.7
Ashurst Place . . . . .	265 ft.	15 ft.	441.6
Gardiner Street . . . . .	345 ft.	19 ft.	728.3
Van Zandt Ave., Second St., west .	450 ft.	24 ft.	1,200.0
Total . . . . .			11,324.3

STREETS PATCHED.

Harrison Ave., Hunter Ave., Calvert St., Bartlett Court, Thames St., Narragansett Ave., Cliff Ave., Dixon St., Kay St., Bliss Road, Wilbar Ave., Broadway, Second Ave., Third St., Franklin St., Pelham St., Annandale Road, Catherine St., Gibbs Ave., Ocean Ave., Washington Square, Spruce St., Cherry St., Merton Road, Bridge St., Middleton Ave., Bedlow Ave., Morton Ave., Walnut St., Ashurst Place, Bath Road, Ochre Point Ave., Poplar St., Touro St., Cottage St., Church St., Mary St., Mann Ave., Francis St., Ferry Wharf, West Broadway, Lawrence Ave., Pelham St., at Stewart's Stable (Tarvia), Rousmaniere Place, Redcross Ave., Tilden Ave., William St., Prospect Hill St., Farewell St., DeBlois St., Ayrault St., Kay St., Warner St., Hall Ave., Van Zandt Ave., Green St., Sayers Wharf, Bowery St., Callender Ave., Burnside Ave., Heath Court, Butler St., Court House St., Branch St., Mill St., Cross St., Powel Ave., Halsey St., Morgan Court, Old Fort Road, North Newport Ave., Young St., Carroll Ave., Bateman Ave., Leroy Ave., Connection St., Walnut St., Brinley St., Elm St., Wellington Ave., Atlantic St., Jeffrey Road, Tews Court, Levin St., Perry St., Rhode Island Ave., Charles St., East Bowery St., Old Beach Road, Kay St. Boulevard, Grafton St., Malbone Road, Chastellux Ave., Houston Ave., Almy Court, Vernon Ave., Battery St., Water Works Road, Prairie Ave., Fowler Ave., Parker Ave., Berkeley Ave., Slocum St.

NEW MANHOLE BUILT.

Washington St. at Briggs wharf.

MAN HOLE REPAIRED.

Washington St. near Bridge St.

STREETS TURNPIKE.

Van Zandt Ave. from Second St. west.

**33-37 - 100-100000 - COMMISSIONER**

1. *Journal of the American Medical Association*, 1997; 277: 1033-1038.

1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398</
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[illegible]

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[illegible]

South Ave. - Birch Ave., 60 ft., crushed	600 ft. x 4 ft.
South Ave. - Birch Ave., 60 ft., crushed	900 ft. x 5 ft.

Top Gun H. A. C. . . . . 900 ft. x 5 ft.

# REPORT OF STREET COMMISSIONER

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Ashurst Place, dirt .....	530 ft. x	3 ft.
Cranston Ave., crushed stone .....	200 ft. x	8 ft.
Webster St., ashes .....	350 ft. x	7 ft.
Wellington Ave., crushed stone .....	654 ft. x	11 ft.
Green St., clay and crushed stone .....	264 ft. x	4 ft.
Church St., clay and crushed stone .....	340 ft. x	4 ft.
Prospect Hill St., clay and crushed stone .....	922 ft. x	3 ft. 6 in.
East Bowery St., ashes .....	960 ft. x	8 ft.
Equality Park .....	4 ft. x	6 ft.
Holland St., clay and crushed stone .....	1220 ft. x	5 ft.
Division St., Church St., south, crushed stone	165 ft. x	5 ft.
Ayrault St., Kay St. west, cinders .....	200 ft. x	7 ft.
Eastnor road, crushed stone .....	210 ft. x	4 ft.
Old Fort road, crushed stone .....	100 ft. x	4 ft.
Harrison Ave., crushed stone .....	325 ft. x	5 ft.
Morton Ave., crushed stone .....	975 ft. x	5 ft.
West Narragansett Ave., Marchant St., west	225 ft. x	5 ft.
Cannon St., Granolithic .....	3 ft. x	2 ft.
Farewell St., at Liberty Tree .....	20 ft. x	5 ft.
Elm St., crushed stone .....	250 ft. x	6 ft.
Elm St., ashes .....	70 ft. x	6 ft.
Van Zandt Ave., near Tilley Ave., ashes .....	125 ft. x	5 ft.
Second St., near Bridge St., clay .....	100 ft. x	5 ft.
Charles St., flagstone .....	57 ft. x	6 ft.
Charles St., crushed stone .....	30 ft. x	3 ft.
Warner St., clay and crushed stone .....	150 ft. x	5 ft.
Battery St., crushed stone .....	520 ft. x	4 ft.
Bridge St., near Second St. ....	100 ft. x	5 ft.
West Marlborough St., clay and crushed stone	50 ft. x	10 ft.
Poplar St., ashes .....	60 ft. x	5 ft.
Everett St., crushed stone .....	540 ft. x	6 ft.
Bay View Ave., crushed stone .....	1090 ft. x	6 ft. 6 in.
Caleb Earl St. crushed stone .....	125 ft. x	4 ft.
Oak St., crushed stone .....	40 ft. x	8 ft.
Burnside Ave., ashes .....	135 ft. x	3 ft.
Park St., crushed stone .....	225 ft. x	4 ft.
Malbone Road, ashes .....	350 ft. x	5 ft.
Elliott Place, ashes .....	900 ft. x	4 ft.
Fowler Ave., dirt .....	450 ft. x	4 ft.
Broadway crushed stone .....	460 ft. x	12 ft.
Summer St., cinders .....	576 ft. x	4 ft.
Bliss road, crushed stone .....	250 ft. x	5 ft.
Bradford Ave., clay and crushed stone .....	75 ft. x	5 ft.
Gibbs Ave., crushed stone .....	125 ft. x	5 ft.
Hope St., crushed stone .....	375 ft. x	5 ft.
Brooks Ave., crushed stone .....	325 ft. x	7 ft.
Clinton Ave., ashes .....	120 ft. x	4 ft.
Pleasant St., clay and ashes .....	110 ft. x	5 ft.
Central St., crushed stone .....	60 ft. x	6 ft.
Central St., flagstone .....	15 ft. x	5 ft.
Champlin St., dirt .....	470 ft. x	5 ft.
Branch St., ashes .....	84 ft. x	3 ft.
Pelham St., crushed stone .....	150 ft. x	6 ft.
DeBlois St., ashes .....	110 ft. x	3 ft.
Pelham St., asphalt blocks .....	6 ft. x	6 ft.
Pelham St., brick .....	4 ft. x	6 ft.
Levin St., clay and crushed stone .....	1,233 ft. x	4 ft.
Thomas St., clay, ashes and crushed stone ..	175 ft. x	4 ft.

**STATE OF NEW YORK**

PAID BY THE STATE	100 00	00	00
PAID BY THE STATE	100 00	00	00
PAID BY THE STATE	100 00	00	00
PAID BY THE STATE	100 00	00	00
PAID BY THE STATE	100 00	00	00
PAID BY THE STATE	100 00	00	00

**STATE OF NEW YORK**

PAID BY THE STATE	100 00
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**STATE OF NEW YORK**

PAID BY THE STATE	100 00
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**Forage consumed at City Stable during the Municipal Year of 1908.**

	Jan. lbs.	Feb. lbs.	Mar. lbs.	Apr. lbs.	May lbs.	June lbs.	July lbs.	Aug. lbs.	Sept. lbs.	Oct. lbs.	Nov. lbs.	Dec. lbs.	Total lbs.	Total Tons.	Total Bushels,	Average Cost.	Total Cost.
Hay	637	6,574	5,775	7,590	7,605	9,390	7,105	9,295	8,890	7,816	9,194	5,554	85,390	42-1800	-----	23.371	\$997.40
Oats	3,312	3,200	3,200	3,200	3,200	4,840	4,864	4,824	4,750	4,702	3,165	3,130	46,398	-----	1449-25	.6644	903.22
Straw	200	595	355	580	574	635	415	406	397	408	578	474	5,616	2-1016	-----	20.833	58.50
Bran	---	200	100	300	300	100	200	300	100	200	100	400	2,300	-----	-----	.0151	34.80
Salt	30	---	30	---	60	30	30	---	30	---	45	---	255	-----	-----	.02	5.10
Oil Meal	---	---	---	---	100	---	---	---	---	100	---	---	200	-----	-----	.0192	3.85
P	---	---	---	---	---	---	---	---	---	---	---	---	---	-----	-----	-----	\$2,003.38

SECRET

1. The following information was obtained from a confidential source who has provided reliable information in the past.

2. The source has provided information regarding the activities of the following individuals:

3. The source has provided information regarding the activities of the following individuals:

4. The source has provided information regarding the activities of the following individuals:

5. The source has provided information regarding the activities of the following individuals:

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## REPORT OF STREET COMMISSIONER

INVENTORY OF PROPERTY BELONGING TO THE HIGHWAY  
DEPARTMENT.

Office.		/
1 Victor safe .....	\$180.00	
1 iron safe (City Yard Office, Long Wharf)	25.00	
1 iron safe (loaned License Commissioners)	140.00	
Furniture, clock, stoves, desk, copypress, etc.	55.00	
1 engineer's transit .....	250.00	
1 set engineer's drafting instruments .....	5.50	
1 plummet lamp .....	5.00	
1 exploding battery .....	25.00	
1 engineer's level and rod .....	50.00	
		<hr/>
		\$735.50
Wharf and Stable.		
1 Fairbanks scale .....	\$50.00	
10 horses .....	1,800.00	
3 stone wagons .....	350.00	
4 dump carts .....	80.00	
2 two-horse steel dump carts .....	365.00	
1 two-horse steel dump cart (old) .....	25.00	
3 one-horse steel dump carts .....	450.00	
1 double gear .....	75.00	
1 single gear .....	50.00	
1 express wagon .....	120.00	
1 street sweeper .....	50.00	
1 two-horse roller .....	200.00	
13 one-horse watering carts .....	2,275.00	
9 two-horse watering carts .....	2,700.00	
4 sets double harness .....	200.00	
4 sets cart harness .....	20.00	
4 sets single wagon harness .....	20.00	
11 waterproof covers .....	8.25	
15 woolen blankets .....	15.00	
10 Baker blankets .....	10.00	
9 stable forks .....	4.50	
2 wagon jacks .....	1.00	
3 steam road rollers .....	9,000.00	
2 stone trucks .....	20.00	
3 patrol wagons .....	6.00	
15 iron wheelbarrows .....	105.00	
3 wooden wheelbarrows .....	4.50	
2 lawn mowers .....	5.00	
1 derrick, complete .....	150.00	
1 controlling nozzle and pipe .....	10.00	
6 spanner wrenches .....	2.50	
9 hydrant wrenches .....	9.00	
2 ship pumps and hose (50 ft.) .....	75.00	
90 lanterns and globes .....	45.00	
3 gravel screens .....	18.00	
1 tree pruner .....	1.00	
9 ice picks .....	2.25	
2 cast iron stoves .....	29.00	
3 jack screws .....	6.00	
1 asphalt pot .....	3.00	
2 babblitt pots .....	2.00	



# REPORT OF STREET COMMISSIONER

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1 asphalt repair plant and tools, complete ..	400.00
6 asphalt maddocks .....	6.00
3 3-inch augers .....	15.00
4 small augers .....	2.00
1 set bits .....	2.00
1 breast drill .....	2.00
4 crosscut saws .....	6.00
3 bit stocks .....	6.00
8 hand saws .....	4.00
1 wood saw .....	1.00
1 hack saw .....	1.50
3 straight edges .....	3.00
2 plows .....	25.00
2 stone axes .....	3.00
43 cutting tools .....	4.30
8 hand drills .....	4.00
29 iron bars .....	29.00
11 tampers .....	11.00
4 iron pounders .....	4.00
61 iron pins .....	15.25
710 lbs. steel .....	60.35
4 striking hammers .....	6.00
21 sledges .....	31.50
2 anvils .....	10.00
6 paving pounders .....	5.00
40 picks .....	20.00
7 levels .....	3.50
6 trench braces .....	18.00
2 maddocks .....	1.00
6 iron rakes .....	4.50
6 scoop shovels .....	6.00
2 tape measures .....	1.00
1 steel tape measure .....	10.00
25 guard pins and ropes .....	5.00
2 manhole guards .....	5.00
1 hydrant valve .....	2.00
4 tool boxes .....	15.00
3 sets blocks and falls .....	15.00
6 9 Stilson wrenches .....	9.00
12 monkey wrenches .....	6.00
2 pair chain tongs .....	12.00
1 bolt cutter .....	.50
3 bench vises .....	12.00
1 flush tank .....	30.00
3 24-inch manhole grates and rims .....	25.50
10 24-inch manhole covers and rims .....	95.00
2 light iron covers .....	2.00
3 heavy iron covers .....	6.00
66 long handle shovels .....	66.00
34 short handle shovels .....	34.00
1 stone roller .....	25.00
6 large axes .....	9.00
2 small axes .....	2.00
5 ox chains .....	5.00
4 spades .....	4.00
4 scythes and blades .....	6.00
3 squares .....	3.00
1 trowel .....	.50

## REPORT OF STREET COMMISSIONER

24 hoes .....	12.00
6 suits oil skin .....	10.00
5 pipe wrenches .....	2.50
2 California pumps .....	3.00
2 smoothing trowels .....	1.50
1 pair trimming shears .....	1.50
4 pails .....	.40
11 iron drinking pails .....	11.00
2 step ladders .....	2.00
2 pair horse clippers .....	4.00
2 joiners (granolithic tools) .....	2.60
1 emery wheel .....	6.50
13 pair rubber boots .....	65.00
1 set wood chisels .....	11.00
2 planes .....	6.25
4 screw drivers .....	5.00
1 set dies and taps .....	17.25
1 bevel .....	1.50
1 pipe cutter .....	1.50
1 painter's torch .....	1.50
2 sets stencils .....	3.35
1 hatchet .....	.50
2 50-gallon oil cans .....	17.85
2 funnels .....	.50
2 ½-gallon measures .....	1.00
1 blacksmith portable forge .....	12.60
1 pair snips .....	2.50
3 muzzles .....	5.00
1 set sewer cleaning rods and fittings .....	65.00
100 feet ½ inch rubber hose .....	10.00
1 soldering iron .....	1.50
1 ratchet drill and 16 drills .....	18.00
2 iron clamps .....	1.00
1 drawing knife .....	1.00
1 extension bit .....	1.25
1 Norton jack (15 tons) .....	48.00
1 extension ladder (30 feet) .....	3.00
1 ladder (18 feet) .....	3.00
1 upright self-feeding drill and 14 drills ....	29.00
3 5-gallon oil cans .....	3.00
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\$19,870.45	

## Settling Tank.

1 centrifugal pump and fittings .....	\$300.00
1 holating engine .....	300.00
1 boiler .....	365.00
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\$965.00	

## Quarry.

2 crushers, engine and boiler .....	\$4,500.00
1 Fairbanks scales .....	175.00
1 bellows .....	15.00
2 vices .....	10.00
1 anvil .....	7.00
1 chain fall .....	10.00
1 clock .....	4.50
1 McKiernan steam drill and fittings .....	296.00
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\$5,017.50	

# REPORT OF STREET COMMISSIONER

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Ocean Avenue.		
1 steam boiler, pump and tanks .....	\$500.00	\$500.00
Bailey's Beach.		
1 windmill (pump and tank at yard) .....	\$500.00	\$500.00
Collins Beach.		
1 steam pump, boiler and tank .....	\$500.00	\$500.00
Long Wharf.		
1 steam boiler, pump and tank .....	\$300.00	\$300.00
		<u>\$28,388.45</u>

## STATEMENT OF CASH RECEIVED AND DEPOSITED WITH THE CITY TREASURER DURING THE MUNI- CIPAL YEAR 1908.

General Fund.		Highway Department Fund.	
Wharfage .....	\$151.01	Labor, etc. ....	\$3,641.91
Weighing .....	129.55	Materials .....	168.58
Permits .....	69.50	Use of steam roller ...	266.75
Street Sweepings .....	103.50	Use of horse roller ...	35.00
Manure .....	82.50	Donation, Dustoline ..	200.00
Outstanding accounts.	24.27	Use of pumps .....	47.00
Miscellaneous .....	19.65		
Junk .....	40.50		
Empty oil barrels ....	7.00		
	<u>\$627.48</u>		<u>\$4,359.24</u>

## RECEIPTS AND EXPENDITURES ON STREETS AND HIGH- WAYS FOR THE MUNICIPAL YEAR OF 1908.

Receipts.	
Appropriation .....	\$91,755.00
Appropriation .....	1,250.00
Cash received and deposited with the City Treasurer to the credit of the Highway Fund as per above statement .....	4,359.24
	<u>\$97,364.24</u>

Disbursements.	
Paid for labor .....	\$75,837.62
Paid for materials .....	17,979.72
Balance unexpended .....	3,546.90
	<u>\$97,364.24</u>

## REPORT OF STREET COMMISSIONER

STATEMENT SHOWING APPROPRIATIONS, DISBURSEMENTS  
AND BALANCES OF THE STREET AND HIGH-  
WAY DEPARTMENT DURING THE  
MUNICIPAL YEAR 1908.

	Appro- piation.	Disburse- ment.	Balance.
a. Office and City Wharf .....	\$2,250.00	\$2,162.03	\$87.97
b. Cleaning Streets .....	28,200.00	28,176.71	23.29
c. Removal of Snow and Ice.....	3,500.00	1,680.76	1,819.24
d. Watering and Applying Dusto- line .....	12,700.00	12,525.89	174.11
e. Cleaning and repairing sewers, and culverts; Settling Tank.	4,200.00	4,034.61	165.39
f. Repairing Streets and Side- walks .....	8,518.14	8,502.82	15.32
g. Cleaning, repairing and build- ing catch basins .....	4,000.00	3,861.76	138.24
h. Re-macadamizing and re-surfac- ing of streets .....	10,694.40	10,688.03	6.37
i. Reset curbs, relay gutters, driveways, crossings, etc. ....	3,000.00	3,000.00	.....
j. Easton's Beach, Forty Steps, Fountains, Piers, Bridges, trim- ming and removal of trees..	1,754.71	1,569.44	185.27
k. Repairs to City Yard Build- ings and City Wharf .....	1,725.00	1,691.91	33.09
l. New Water Tank at Bailey's Beach .....	500.00	340.28	159.72
m. One horse .....	100.00	.....	100.00
n. Emergency and miscellaneous incidentals .....	2,582.00	2,514.55	67.45
	<u>\$83,724.25</u>	<u>\$80,748.79</u>	<u>\$2,975.46</u>

## City Garbage.

	Appro- piation.	Disburse- ment.	Balance.
Collection and disposal .....	\$5,124.00	\$5,124.00	.....
Labor, two men at dumps .....	1,256.00	1,256.00	.....
Supervision .....	260.00	260.00	.....
Supplies .....	100.00	3.95	96.05
	<u>\$6,740.00</u>	<u>\$6,643.95</u>	<u>\$96.05</u>

Ocean Avenue Sea Wall, from Klin- ney's to Graves Point .....	\$2,500.00	\$2,024.61	\$475.39
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Total balance unexpended .. \$3,546.90

Slocum Street, grade and macadam- ize from East Bowery Street to Middleton Avenue .....	800.00	254.75	545.25
Garfield Street, extend sewer .....	150.00	148.70	1.30
Training Station Road, crosswalk at the Cloyne School House.	40.00	29.24	10.76
Byrnes Street, laying new sewer ..	300.00	294.64	55.36
Gardiner Street Repairs .....	400.00	218.27	181.73

Transferred to the appropriation (h) by resolution passed  
September 11, 1908 .....

\$794.40

# REPORT OF STREET COMMISSIONER

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## SUMMARY OF EXPENDITURES ON STREETS AND HIGHWAYS FOR THE MUNICIPAL YEAR OF 1908.

	Labor.	Materials.	Total.
Office .....	\$1,238.25	\$113.07	\$1,351.32
City Wharf .....	636.75	173.96	810.71
Cleaning Streets .....	17,782.48	308.88	18,091.36
Cleaning Thames Street .....	4,729.81	590.41	5,320.22
Cleaning Spring Street .....	1,909.17	140.65	2,049.82
Cleaning Broadway and Washing- ton Square .....	1,665.63	120.74	1,786.37
Cleaning Long Wharf .....	867.41	61.53	928.94
Removal of snow and ice .....	1,299.29	381.47	1,680.76
Watering streets .....	9,473.25	1,133.05	10,606.30
Applying Dustoline .....	77.66	1,841.93	1,919.59
Cleaning main sewers .....	2,474.55	119.19	2,593.74
Repairing sewers and culverts ....	284.25	39.71	323.96
Cleaning settling tank .....	347.03	91.03	438.06
Harrison Avenue, storm overflow ..	79.16	33.46	112.62
Washington Street Extension, sewer Washington and Bridge Streets building two manholes .....	75.95	37.85	113.80
Extension Street, extending sewer	84.57	24.43	109.00
Jury Court sewer .....	87.35	30.03	117.38
General repairs to streets .....	159.33	66.72	226.05
General repairs to sidewalks .....	2,118.49	766.99	2,885.48
Thames Street repairs .....	1,305.47	399.03	1,704.50
Cherry Street repairs .....	117.64	46.74	164.38
Annandale Road repairs .....	57.14	15.38	72.50
Ocean Avenue repairs .....	22.58	9.70	32.28
Ridge Road repairs .....	715.80	174.18	889.98
West Street repairs .....	54.12	18.37	72.49
Harrison Avenue repairs .....	28.50	.....	28.50
West Narragansett Avenue, repairs	362.63	104.38	467.01
Clinton Street repairs .....	392.09	29.57	421.66
Marchant Street repairs .....	173.49	9.70	183.19
Touro Street repairs .....	105.18	18.84	124.02
Broadway pavement repairs .....	16.46	70.78	87.24
Spring Street pavement repairs ..	9.73	7.96	17.69
Bellevue Avenue repairs .....	31.39	6.66	38.05
Broadway repairs .....	102.54	131.95	234.49
Applying Tarvia "A" to quarters of roadbeds of certain streets .....	123.34	129.32	252.66
Thames and other streets, graveling after fires .....	205.21	124.69	329.90
Kinsley's Whf., repairing plank-walk	2.81	2.98	5.79
Charged to abutters .....	18.00	70.97	88.97
Heath Street, filling cellar .....	284.31	165.74	450.05
Crushed stone on hand, City yard..	7.63	3.78	11.41
Crushed stone on hand, City quarry	109.01	31.10	140.11
Cleaning catch basins .....	72.67	20.74	93.41
Repairing catch basins and eye holes	2,707.08	501.35	3,208.43
West Narragansett Avenue and Mar- chant Street, building catch basin	204.02	119.51	323.53
Simmons and Marchant Streets, building catch basin .....	39.75	4.99	44.74
Lawrence and Sheppard Avenues, building two catch basins .....	41.47	20.23	61.79
	83.98	25.00	108.98

## REPORT OF STREET COMMISSIONER

	Labor.	Materials	Total
Carroll and Harrison Avenue, building catch basin .....	44.41	27.38	71.79
West Broadway at Benj. Easton's stable, building catch basin .....	24.14	1.96	26.10
Applying Tarris "B" to certain streets .....	144.53	329.61	464.14
Third Street, re-surface and roll .....			
Battery St. to Training Station R.R.	426.73	118.73	545.46
Narragansett Avenue, Spring to Bellevue, re-macadamize .....	422.17	251.38	673.55
Bridge Street, re-macadamize .....	437.46	125.24	562.70
Mill Street, Spring to Bellevue Avenue, re-macadamize .....	217.25	62.16	279.41
Van Zandt Avenue, Second Street, west, re-macadamize .....	182.24	37.49	219.73
Ashurst Place, re-surface and roll .....	59.45	19.16	78.61
Bikar Road re-macadamize .....	2,897.40	759.92	3,657.32
Brewer Street, re-macadamize .....	295.53	54.71	350.24
Young Street, re-macadamize .....	351.66	96.34	448.00
Pope Street, Spring Street, east, re-macadamize .....	187.24	50.09	237.33
East Street, re-macadamize .....	75.59	20.58	96.17
Dearborn Street, re-macadamize .....	425.36	117.60	542.96
Warner Street, Farewell to Spruce Street, re-macadamize .....	307.59	84.48	392.07
Marlborough Street, re-macadamize .....	482.79	133.11	615.90
Bellevue Avenue, re-surface and roll .....	229.03	269.22	498.25
Washington Sq., re-surface and roll .....	74.38	142.01	216.39
Harrison Avenue near "Golf Club," re-surface and roll .....	156.60	39.80	196.40
Narragansett Avenue, Spring to Thames St., re-surface and roll .....	86.65	130.55	217.20
Warner Street, Spruce to Pond Avenue, re-surface and roll .....	148.51	42.64	191.15
Washington Square, north side, re-set curb .....	112.40	26.93	139.33
Spring Street, east side from Dixon Street, south, re-set curb .....	377.52	48.41	425.93
Bellevue Avenue, re-set curb .....	141.41	22.30	163.71
Brewer Street, re-set curb .....	161.62	32.17	193.79
Ayrault Street, re-set curb .....	340.41	35.79	376.20
Pope Street, re-set curb .....	132.16	13.60	145.76
Kay Street, re-set curb .....	85.70	16.33	102.03
Mann Avenue, re-set curb .....	329.18	46.30	375.48
Young Street, re-lay gutter .....	91.59	24.65	116.24
Francis Street, re-set curb .....	227.33	27.28	254.61
Rhode Island Avenue, re-set curb .....	120.45	10.84	131.29
Broadway, re-set curb .....	141.71	22.21	163.92
Cranston Avenue, re-set curb .....	59.24	7.59	66.83
Tyler Street, re-set curb .....	52.74	4.16	56.90
Mill Street, re-set curb .....	75.67	14.65	90.32
Newport Avenue, re-set curb .....	32.41	6.91	39.32
Cross Street, re-set curb .....	17.91	6.61	24.52
West Street, re-lay gutter .....	144.12	25.33	169.45
Thames Street Driveway at Ann Street Pier .....	15.86	3.24	19.10
Rhode Island Avenue Driveway at "Carr" and "Norman" Estates ..	38.56	31.42	69.98

# REPORT OF STREET COMMISSIONER

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	Labor.	Materials.	Total.
Young Street Driveway at No. 7			
Fire Station .....	76.00	7.14	83.14
Relaying crossings .....	640.67	63.89	704.56
Ocean Avenue, repair Sea Wall, opp.			
T. M. Davis', .....	80.06	12.79	92.85
DeBlois Street, filling well .....	3.05	1.51	4.56
Long Wharf, repairing floats .....	.....	37.03	37.03
Ocean Avenue fence, near Graves			
Point .....	8.36*	7.03	15.39
Repairing and re-lay gutters .....	84.46	11.47	95.93
Halidon Avenue, east side, re-lay			
gutter .....	161.59	50.42	212.01
Whitfield Court gutter, west side ..	214.25	87.25	301.50
Extension Street widening .....	26.51	2.80	29.31
Repair Bridge Ocean Avenue near			
"Goose Neck," .....	15.67	17.31	32.98
Webster Street, repair fence, near			
"Cliffs" .....	5.50	4.05	9.55
Van Zandt Avenue Bridge, repair			
and paint .....	34.25	216.42	250.67
Malbone Avenue Bridge repairs ...	4.25	.42	4.67
Measuring Streets .....	48.75	.....	48.75
Van Zandt Avenue Pier repairs ..	33.00	14.89	47.89
Ann Street Pier repairs .....	16.00	7.35	23.35
Elm Street Pier repairs .....	36.00	10.53	46.53
Elm Street Pier, granolithic walk ..	135.67	65.93	201.60
Easton's Beach, bridge repairs	4.97	7.17	12.14
King Park, planking piles .....	10.47	2.45	12.92
Clean and repair fountains .....	23.12	11.16	34.28
Forty Steps, repair and paint ....	162.22	45.44	207.66
Painting Long Wharf floats .....	4.75	.....	4.75
Easton's Beach, repairing and clean-			
ing roadway repairing sidewalk,			
repair and repaint fence .....	400.92	18.07	418.99
Water Works Road, repair bridge.	4.98	16.67	21.65
Removal and trimming trees ....	128.17	1.56	135.73
City Wharf, repairs to piles and			
caplogs .....	.....	1,069.00	1,069.00
City Wharf, repairs to stable, paint			
shop and other buildings .....	281.42	146.74	428.16
City Wharf, concrete floor in roller			
house .....	118.45	76.30	194.75
Bailey Beach Water Tank .....	68.61	271.67	340.28
Emergency and miscellaneous inci-			
dentals .....	.....	838.19	838.19
Collection and disposal of city gar-			
bage .....	6,640.00	3.95	6,643.95
Training Station Road crossing ...	24.34	4.90	29.24
Garfield Street, extend sewer .....	76.10	72.60	148.70
Byrnes Street, re-lay sewer .....	192.01	102.63	294.64
Slocum Street, East Bowery Street			
to Middleton Avenue, macadamize	210.40	44.35	254.75
Gardiner Street, repairs .....	179.58	38.69	218.27
Ocean Avenue, building sea wall,			
Kinney's to Graves Point .....	134.42	1,890.19	2,024.61
	<b>\$73,387.48</b>	<b>\$16,875.47</b>	<b>\$90,362.95</b>

## REPORT OF STREET COMMISSIONER

DETAIL OF EXPENDITURES ON STREETS AND HIGHWAYS  
FOR THE MUNICIPAL YEAR OF 1903.

## January.

1	John F. Warth & Brother, brooms, etc. ....	\$40.25
2	The Congdon & Carpenter Co., seat springs .....	10.20
3	Dr. F. deM. Bertram, vet. services .....	5.00
4	Providence Telephone Co., telephone service .....	22.00
5	Municipal Journal, subscription .....	3.00
6	M. Brotherson, filing saws .....	.75
7	J. J. Dugan, gravel .....	226.62
8	Maurice C. Smith, rep. numbering stamp, etc. ....	1.75
9	Newport Ship Yard, driving piles .....	20.00
10	Remington Ward printing .....	25.75
11	J. J. Dugan, garbage .....	405.65
12	George T. King, labor at dump .....	54.00
13	Cornellus Harrington, labor at dump .....	54.00
14	Perrin, Seamans & Co., bolts, washers, etc. ....	22.02
15	J. L. & H. K. Potter, foot lever gear. ....	1.40
16	F. E. Fitts Mfg. & Supply Co., rainbow packing ...	13.41
17	P. F. Clarke & Co., shoeling .....	4.50
18	Shreenan & Sullivan, shoeling .....	4.50
19	John E. Leddy, shoeling .....	4.00
20	Daniel Beard, shoeling .....	5.32
21	George W. Callahan, shoeling .....	6.00
22	J. G. Stevens, forage .....	147.42
23	George W. Ritchie, rep. bridle .....	1.75
24	Ward Printing Co., printing .....	9.00
25	Alex N. Barker & Co., lumber, nails, etc. ....	29.65
26	Wright Brothers, oil, etc. ....	9.75
27	J. M. K. Southwick, pump, etc. ....	5.29
28	J. K. Sullivan, express .....	1.75
29	Newport Coal Company, fuel .....	27.61
30	Alex J. Fludder, pipe .....	6.50
31	Wm. B. Scott & Company, scoop, etc. ....	1.65
32	E. S. Peckham, fuel .....	6.68
33	T. M. Seabury, rubber boots .....	27.50
34	J. B. F. Smith & Company, lead .....	5.00
35	J. D. Johnston, lumber .....	22.59
36	F. E. Fitts Mfg. & Supply Company, machine waste	43.42
37	J. K. Sullivan gasoline .....	48.55
38	Ralph R. Barker, paint, brushes, etc. ....	18.16
39	George H. Carr, envelopes .....	1.00
40	J. Stacy Brown, stone .....	21.64
41	N. Y., N. H. & H. R. R. Co., freight .....	1.51
	Pay Roll .....	2,748.06

\$4,114.60

## FEBRUARY.

42	J. B. Bacheller, rep. watering cart .....	\$16.61
43	George H Carr scale book .....	1.25
44	J. P. Cotton crushed stone .....	21.38
45	George A. Weaver Company, nails .....	.20
46	Jas. J. Dugan, garbage .....	405.65
47	George T. King, labor at dump .....	50.00
48	Cornellus Harrington, labor at dump .....	50.00
49	Simon Hart, supplies .....	1.72



# REPORT OF STREET COMMISSIONER

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50	Newport Paper & Grocery Company, toilet .....	.84
51	Taylor Iron & Steel Company concaves, etc. ....	291.65
52	George W Callahan, shoeing .....	3.38
53	Peter F. Clarke & Company .....	6.50
54	John E. Leddy shoeing .....	4.00
55	Shreenan & Sullivan, shoeing .....	2.25
56	O. R. Braman, harness repairs .....	8.18
57	Wm. F. Gratrix, brush .....	.75
58	Downing Brothers, prescription .....	.85
59	George W Ritchie, rep. harness .....	2.50
60	Dennis Shanahan, forage .....	148.55
61	Henry Biesel & Son, straps .....	1.35
62	J. D. Johnston, lumber etc. ....	5.70
63	Wm. B. Scott & Company, hammer handles, etc. ...	.76
64	J. Irving Shepley iron .....	1.25
65	J. B. Bacheller, rep. watering cart .....	10.10
66	Alex N. Barker & Company lumber, etc. ....	9.59
67	Frank Levitre, sand .....	6.40
68	Edward S. Peckham, fuel .....	20.08
69	Daniel Beard, shoeing .....	4.82
70	Chas. S. Goddard rep. watering cart, etc. ....	28.95
71	Wm. K. Covell rep. watering pot .....	.75
72	Postage and express .....	1.30
73	Ward Printing Company, printing .....	9.50
74	T. T. Pitman, advertising .....	2.25
	Pay Roll .....	2,003.67

\$7,237.33

## MARCH.

75	J. L. & H. K. Potter, packing, etc. ....	\$16.20
76	H. L. Bond Company, iron pulley .....	3.35
77	Buffalo Steam Roller Company, grate bars, etc. ...	16.50
78	F. E. Fitts Mfg. & Supply Company, belt dressing, etc. ....	62.75
79	W. M. Harris & Company, pine .....	34.95
80	The Congdon & Carpenter Co., steel, etc. ....	42.11
81	New England Navigation Company, rep. boiler ...	1.88
82	Herald Publishing Company, advertising .....	2.25
83	Philip F. Conroy, pipe, etc. ....	3.90
84	Providence Telephone Company, toll calls .....	.30
85	Newport Gas Light Company, gas .....	.66
86	Ward Printing Company, printing .....	1.75
87	Wm. B. Scott & Company, grease, files, etc. ....	5.60
88	The Peckham Company, spikes, etc. ....	2.30
89	H. L. DeBlois, street hoes .....	18.00
90	Jas. P. Taylor, oil suit .....	8.00
91	Daniel Beard, shoeing .....	4.82
92	Alex J. Fludder pipe .....	74.44
93	James J. Dugan, garbage .....	405.66
94	George T. King, labor at dump .....	52.00
95	Cornellus Harrington, labor at dump .....	52.00
96	John O. Kettell, horse .....	250.00
97	Manhattan Rubber Mfg Company, belt .....	69.30
98	John J. Connell, kerosene .....	15.00
99	Mercury Publishing Company, printing and adver- tising .....	10.25
100	Art Metal Construction Company, guides for file ..	4.50
101	Sealer of Weights and Measures, testing scales ..	4.00

## REPORT OF STREET COMMISSIONER

102	George H. Carr, office supplies .....	6.48
103	G. H. Burnham, labor, oil, etc. ....	100.37
104	Newport Foundry & Machine Co., babbitt .....	28.50
105	Thos. H. Reagan, building frame for tank .....	54.36
106	Dennis Shanahan, forage .....	138.06
107	Wm. K. Covell, pails .....	1.45
108	George Stanhope, salt, etc. ....	.55
109	Wright Brothers, lead, varnish, etc. ....	6.40
110	Alex N. Barker & Company cement, etc. ....	83.33
111	Ralph R. Barker varnish putty, etc. ....	10.69
112	J. M. K. Southwick, rope, spikes, etc. ....	5.06
113	J. D. Johnston, pattern .....	1.50
114	E. S. Peckham, fuel .....	99.74
115	Chas. S. Goddard, sharpening tools .....	4.54
116	McKiernan Drill Company, hose, etc. ....	26.65
117	George W. Callahan, shoeing .....	2.38
118	John E. Leddy shoeing .....	2.63
119	Shreenan & Sullivan shoeing .....	6.42
120	P. F. Clarke & Company shoeing .....	5.00
121	George W. Ritchie, rep. bridle .....	.75
122	O. R. Braman, rep. roller belt, etc. ....	4.30
123	J. B. F. Smith & Company, oil .....	6.90
124	George A. Weaver Company, brooms, etc. ....	66.75
125	Newport Gas Light Company, nipple elbow .....	.25
126	City Treasurer, stamped envelopes .....	10.92
127	N. Y., N. E. & H. R. R. Co., freight .....	4.59
128	Estate Wm. H. Cotton, konkine .....	1.50
129	Express, freights, etc. ....	7.26
130	Boston Woven Hose & Rubber Company, hose, etc.	33.00
	Pay Roll .....	2,717.35

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**\$11,837.47**

## APRIL.

131	Frank Levitre, sand .....	\$14.40
132	Wm. B. Scott & Company, shovels, pails, etc. ....	16.93
133	Ward Printing Company, printing .....	4.00
134	D. E. Sullivan, brooms, pails, etc. ....	3.65
135	John J. Connell, kerosene .....	15.00
136	Perrin, Seamans & Company, lanterns .....	33.00
137	George A. Weaver Company water tank, etc.....	199.20
138	Newport Foundry & Machine Corp., rubber, etc. ..	2.90
139	C. E. Kimball & Son, rep. sanitary cart .....	41.50
140	M. D. Sullivan rep. stable .....	8.00
141	New England Navigation Company, rep. boiler...	1.50
142	Newport Paper & Grocery Company, toilet .....	.84
143	James J. Dugan, garbage .....	405.65
144	George T. King, labor at dump .....	52.00
145	Cornelius Harrington, labor at dump .....	52.00
146	Providence Telephone Company, telephone service	24.65
147	Buffalo Steam Roller Company, oil .....	21.00
148	Newport Rubber Stamp Company, stamps .....	.65
149	Daniel Beard, shoeing .....	9.38
150	E. S. Peckham fue .....	337.85
151	Clinton Poin Stone Company, stone .....	1,252.32
152	J. K. Sullivan, discharging stone .....	182.85
153	Alex N. Barker & Company, lumber, shovels, etc. ..	31.41
154	J. M. K. Southwick, dynamite, etc. ....	80.38
155	Jas. P. Taylor, oil suit .....	2.50

# REPORT OF STREET COMMISSIONER

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156	J. B. F. Smith & Company, paint, etc. ....	3.25
157	The Peckham Company, hose .....	18.85
158	J. D. Johnston, pounder .....	3.00
159	Wright Brothers, bronzite .....	15.00
160	Ralph R. Barker, oil, paint, etc. ....	7.75
161	N. Y., N. H. & H. R. R. Co., freight .....	.95
162	Dennis Shanahan, forage .....	163.60
163	P. F. Clarke & Company, shoeing .....	4.50
164	John E. Leddy, shoeing .....	4.00
165	George W. Callahan, shoeing .....	4.20
166	Shreenan & Sullivan, shoeing .....	2.25
167	Henry Biesel & Son, stable supplies .....	6.30
168	George W. Ritchie, rep harness, etc. ....	6.25
169	H. H. Lawton stable supplies .....	9.95
170	Friend & Maguire, pipe, cement, etc. ....	81.08
171	Chas. S. Goddard, sharpening tools .....	11.70
172	Express .....	1.65
173	G. H. Burnham, oils, packing, etc. ....	33.84
174	John H. Sullivan, cartage crushed stone .....	297.87
175	J. Stacy Brown, stone .....	63.70
	Pay Roll .....	5,655.27

\$21,026.49

## MAY.

176	O. R. Braman, rep. harness .....	\$7.40
177	Henry Biesel & Son, stable supplies .....	2.25
178	Shreenan & Sullivan, shoeing .....	4.50
179	George A. Weaver Company palls, rakes, etc. ....	11.05
180	King-McLeod Company cheese cloth .....	.25
181	Edward H. Easton, ladder .....	2.00
182	J. M. K. Southwick, dynamite, etc. ....	73.50
183	James J. Dugan, garbage .....	405.65
184	George T. King, labor at dump .....	52.00
185	Cornelius Harrington, labor at dump .....	52.00
186	Daniel Beard shoeing .....	8.00
187	George W. Callahan, shoeing .....	6.50
188	M. Kennedy shoeing .....	5.00
189	John E. Leddy, shoeing .....	1.76
190	Peter F. Clarke & Company shoeing .....	5.95
191	Wm. A. Barker, horse sheets, etc. ....	2.00
192	Wm. B. Scott & Company, wheelbarrow, shovels, etc. ....	14.26
193	Alex N. Barker & Company, lumber, cement, etc. ...	26.03
194	H. L. DeBlois, hoes .....	12.00
195	N. Y., N. H. & H. R. R. Co., protecting track .....	1.60
196	George H. Carr, office supplies .....	3.80
197	James H. Hart, rep. oil can, etc. ....	1.50
198	J. D. Johnston, lumber .....	1.10
199	Buffalo Steam Roller Company, frames, grate bars, etc. ....	18.25
200	Fuller Iron Works, manhole covers and rims .....	54.00
201	Concord Foundry and Machine Co., bases and grates .....	18.75
202	Dennis Shanahan, forage .....	166.90
203	John S. Lamson, Jr., dustoline .....	607.58
204	Barker Brothers & Company, pipe .....	84.00
205	Friend & Maguire, cement .....	14.00
206	G. H. Bloom, sharpening tools .....	.75
207	G. H. Burnham, oils, packing, etc. ....	24.98

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## REPORT OF STREET COMMISSIONER

204	E. S. Peckham, fuel .....	310.42
206	Providence Telephone Company, toll call .....	.10
210	John H. Sullivan, cartage crushed stone .....	322.11
211	J. Stacy Brown, stone .....	56.43
212	Express .....	4.81
213	Wm. F. Gratrix, rep. halter .....	.35
214	Wm. K. Gavel, iron .....	.40
215	James S. Ramlow, rep. rubber boots .....	4.50
216	J. K. Sullivan, gravel .....	2.27
217	D. J. Sullivan & Company, weighing gravel .....	.20
218	J. J. Connell, kerosene .....	15.00
	Pay Roll .....	7,291.39
		<hr/> \$30,713.78

## JUNE.

219	Seth Pierce, horse .....	\$210.00
220	W. M. Harris & Company, pine .....	22.80
221	Newport Foundry & Machine Corp., labor, bolts, etc. ....	39.57
222	Wm. B. Scott & Company, shovels, etc. ....	22.31
223	Simon Hart, office supplies .....	10.12
224	Thomas H. Reagan, rep. bridge .....	27.00
225	Daniel Beard, shoeing .....	9.00
226	George H. Carr, office supplies .....	2.40
227	J. Irving Shepley, copper, etc. ....	2.38
228	Newport Water Works, removing stand pipe .....	15.35
229	John F. Warth & Brother, handles .....	3.75
230	Newport Paper & Grocery Company, toilet .....	.84
231	John S. Lamson, Jr., dustoline .....	604.43
232	M. F. Shea, rep. carts sharpening tools, etc. ....	159.74
233	Jas. J. Dugan, garbage .....	405.65
234	George T. King, labor at dump .....	52.00
235	Cornelius Harrington, labor at dump .....	52.00
236	E. S. Peckham, fuel .....	313.15
237	Allis-Chalmers Company, break hub .....	13.98
238	James McBride, liniment, etc. ....	10.00
239	D. J. Sullivan & Company, weighing gravel .....	1.90
240	J. J. Connell, kerosene .....	15.00
241	Shreenan & Sullivan, shoeing .....	6.75
242	M. Kennedy, shoeing .....	4.00
243	George W. Callahan, shoeing .....	5.63
244	John E. Leddy, shoeing .....	4.00
245	P. F. Clarke & Company, shoeing .....	4.50
246	J. G. Stevens, forage .....	211.61
247	Est. Wm. H. Cotton, konkine, etc. ....	3.15
248	O. R. Braman, rep. collar .....	2.00
249	H. H. Lawton, stable supplies .....	6.45
250	J. K. Sullivan, use of horse .....	53.25
251	Thos. Lucas, contract .....	147.13
252	J. M. K. Southwick, dynamite, etc. ....	53.50
253	J. D. Johnston, pine .....	.94
254	Wm. F. Gratrix, whip, etc. ....	1.50
255	George W. Ritchie, sponges .....	2.25
256	Henry Biesel & Son, rep. bridle, etc. ....	.75
257	Friend & Maguire, cement .....	41.70
258	Alex J. Fludder, pipe .....	.80
259	George Stanhope, soap .....	4.15
260	George A. Weaver Company .....	4.65
261	Chas. S. Goddard, sharpening tools, etc. ....	12.80

# REPORT OF STREET COMMISSIONER

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262	N. Y., N. H. & H. R. R. Co. freight .....	5.33
263	H. L. DeBois, street boots .....	6.44
264	J. K. Sullivan, gravel .....	44.27
265	Alex N. Barker & Company, lumber, nails, etc. ....	23.44
266	P. E. Fitts Mfg. & Supply Company, lacing .....	15.73
267	Herbert Bliss, oil pump rep. ....	1.44
268	M. Brotherson, sharpening tools .....	4.34
269	Freights .....	2.84
270	John H. Sullivan, cartage crushed stone .....	332.00
271	J. Stacy Brown, stone .....	72.25
272	G. H. Bloom, iron, etc. ....	2.20
	Pay Roll .....	10,229.60

\$44,078.02

## JULY.

273	John F. Warth & Brother, brooms .....	\$49.00
274	G. H. Burnham, oils, etc .....	77.43
275	Sampson & Murdock Company, directory .....	2.00
276	George A. Weaver Company rakes, etc. ....	2.70
277	Jas. H. Hart, rep. oil can .....	.75
278	Frank E. Fitts Mfg. & Supply Co. ....	23.50
279	John S. Lamson, Jr., dustoline ..	604.43
280	Ward Printing Company, printing .....	4.50
281	Providence Telephone Company, telephone service ..	22.70
282	Hooper, Havey & Company, granite curb .....	42.75
283	Godfrey Moffitt, lumber, etc. ....	3.80
284	Remington Ward, printing .....	6.50
285	Jas. J. Dugan, garbage .....	405.65
286	George T. King, labor at dump .....	54.00
287	Cornelius Harrington, labor at dump .....	54.00
288	J. G. Stevens, forage .....	189.70
289	Wm. F. Gratrix, rep. harness .....	.60
290	Alex N. Barker & Company, lumber, nails, etc. ....	96.63
291	E. S. Peckham, fuel .....	282.09
292	Alex J. Fludder, pipe .....	21.20
293	The Burbridge Company, rep. Elm St. pier .....	36.00
294	J. M. K. Southwick, dynamite, etc. ....	33.50
295	Julius Burdick, bicycle tires .....	14.00
296	Wm. B. Scott & Company hand cart, etc. ....	9.55
297	George H. Carr, office supplies .....	3.10
298	A. R. O'Hanley, oatmeal .....	1.75
299	The Peckham Company spikes .....	5.95
300	John E. Leddy, shoeing .....	4.00
301	George W. Callahan, shoeing .....	7.51
302	P. F. Clarke & Company shoeing .....	4.50
303	Shreenan & Sullivan, shoeing .....	5.10
304	M. Kennedy shoeing .....	4.00
305	Chas. S. Goddard, sharpening tools, etc. ....	29.35
306	J. D. Johnston, lumber .....	6.52
307	S. B. Gladding, motor cycle tires .....	20.00
308	Daniel Beard, shoeing .....	4.50
309	J. K. Sullivan, gravel .....	84.24
310	J. J. Connell, kerosene .....	15.00
311	John H. Sullivan, cartage crushed stone .....	494.26
312	J. Stacy Brown, stone .....	104.91
313	George Stanhope, broom .....	.35
314	M. D. Sullivan, rep. Ann St. pier .....	16.00
315	Newport Paper & Grocery Company, toilet .....	.84

## REPORT OF STREET COMMISSIONER

316	N. Y., N. H. & H. R. R. Co., freight .....	.25
	Pay Roll .....	8,310.06

**\$55,237.19**

## AUGUST.

317	T. B. Dawley, painting bridge .....	\$187.91
318	G. H. Burnham oil, etc. ....	11.65
319	Herbert Bliss, rep. pump, etc. ....	1.10
320	H. L. DeBlois, street hoes .....	12.00
321	Dr. F. de M. Bertram, vet. services .....	7.00
322	Ward Printing Company, printing .....	5.75
323	P. Stevens & Son, stone .....	12.64
324	Jas. J. Dugan, garbage .....	405.65
325	George T. King, labor at dump .....	52.00
326	Cornelius Harrington, labor at dump .....	52.00
327	Alex N. Barker & Company, brick, nails, etc. ....	51.37
328	Chas. S. Goddard, sharpening tools, etc. ....	7.15
329	John M. Friend, cement .....	62.00
330	Alex J. Fludder, pipe .....	20.80
331	Wm. K. Covell, dippers, etc. ....	.67
332	Daniel Beard, shoeing .....	4.50
333	Wm. B. Scott & Company paroid paper, etc. ....	34.25
334	R. R. Barker, putty etc. ....	.35
335	Simon Hart, office supplies .....	5.15
336	Daniel Beard, shoeing .....	4.50
337	P. F. Clarke & Company shoeing .....	4.50
338	Shreenan & Sullivan, shoeing .....	5.10
339	George W. Callahan, shoeing .....	2.76
340	John E. Leddy, shoeing .....	4.25
341	J. G. Stevens, forage .....	213.45
342	Wm. F. Gratrix, soap, etc. ....	2.00
343	Henry Biesel & Son, harness soap .....	.50
344	O. R. Braman, straps .....	1.00
345	H. H. Lawton, stable supplies .....	10.15
346	M. D. Sullivan, rep. stable .....	72.00
347	J. J. Connell, kerosene .....	15.00
348	George W. Ritchie, stable supplies .....	5.00
349	M. Kennedy shoeing .....	4.00
350	M. Brotherson, sharpening tools .....	2.10
351	Walsh Brothers, linolium, etc. ....	63.60
352	Wm. H. Cotton Pharmacy, konkine .....	3.00
353	E. S. Peckham, fuel .....	197.34
354	Postage stamps .....	1.00
355	N. Y., N. H. & H. R. R. Co., freight .....	65.67
356	John H. Sullivan, cartage crushed stone .....	331.44
357	J. Stacy Brown, stone .....	71.77
358	J. K. Sullivan, gravel .....	116.18
359	A. R. O'Hanley, oatmeal .....	1.50
360	T. G. Owen, automobile repairs .....	475.15
	Pay Roll .....	8,415.57

**\$66,259.66**

## SEPTEMBER.

361	Wm. B. Scott & Company, shovel, etc. ....	\$1.78
362	G. H. Burnham, oils, etc. ....	52.40
363	Joseph Martin, rubber boots .....	16.50
364	James S. Ramlose, rubber boots .....	22.00
365	Clark H. Burdick & Company, rubber boots .....	16.50

# REPORT OF STREET COMMISSIONER

83

366	John F. Warth & Brother, brooms .....	87.00
367	F. E. Pitts Mfg. & Supply Co., waste .....	16.27
368	Barrett Mfg. Company, tarvia .....	166.37
369	Warren Brothers Company, rep. roadbed .....	4.32
370	J. D. Johnston, lumber .....	.45
371	Newport Gas Light Company, gas .....	.33
372	American Brake Shoe & Foundry Company, con- caves .....	85.00
373	N. Y., N. H. & H. R. R. Co., freight .....	9.30
374	Dalton E. Young, oatmeal .....	1.00
375	Jas. J. Dugan, garbage .....	405.65
376	George T. King, labor at dump .....	52.00
377	Cornelius Harrington, labor at dump .....	52.00
378	Providence Telephone Company, toll calls .....	.20
379	Ward Printing Company, paper .....	.85
380	T. M. Seabury Company, rubber boots .....	17.50
381	J. J. Connell, kerosene .....	7.50
382	H. L. DeBlois, street hoes .....	12.00
383	Wm. K. Covell, pipe, etc. ....	2.45
384	H. L. Marsh & Company, forage .....	197.45
385	George H. Carr, office supplies .....	2.25
386	Simon Hart, office supplies .....	2.40
387	E. S. Peckham, fuel .....	147.00
388	John E. Leddy, shoeing .....	8.00
389	George W. Callahan, shoeing .....	7.64
390	M. Kennedy shoeing .....	4.00
391	Shreenan & Sullivan, shoeing .....	4.50
392	Daniel Beard, shoeing .....	4.50
393	Wm. F. Gratrix, whip .....	.85
394	Henry Biesel & Son, stable supplies .....	2.90
395	James P. Taylor, oil suits .....	8.00
396	A. P. Jennings, oil suits .....	7.50
397	J. M. K. Southwick, rope, etc. ....	24.20
398	D. J. Sullivan & Company .....	4.20
399	Chas. S. Goddard, rep, watering cart, etc. ....	3.55
400	Alex N. Barker & Company, lumber, etc.....	9.51
401	G. H. Burnham, oils, etc. ....	14.50
402	O. R. Braman, stable supplies .....	14.50
403	P. F. Clarke & Company, shoeing .....	5.25
404	M. F. Shea, repairing C. B. Cart, etc. ....	32.00
405	J. K. Sullivan, towing a scow .....	20.00
406	The International Contracting Company, hire of scow .....	60.00
407	New England Navigation Company, freight .....	.86
408	Friend & Maguire, cement .....	54.25
409	C. A. Manchester, oatmeal .....	7.75
410	J. K. Sullivan, gravel .....	112.91
411	Alex J. Fludder, pipe, etc. ....	26.95
412	J. H. Shea, Jr dental work on horses .....	15.00
413	Walsh Brothers, door mat .....	1.50
414	Newport Foundry & Machine Corp., pipe .....	2.70
415	Postage stamps .....	3.00
416	John H. Sullivan, cartage crushed stone .....	285.43
417	J. Stacy Brown, stone .....	71.65
	Pay Roll .....	8,182.27

\$76,638.00

## REPORT OF STREET COMMISSIONER

## OCTOBER.

418	George A. Weaver Company rakes, etc. ....	\$2.75
419	Newport Paper & Grocery Company, toilet .....	.84
420	Providence Telephone Company telephone service .....	22.00
421	T. B. Connolly rep. city fountain .....	12.95
422	N. Y., N. H. & H. R. R. Co., freight .....	3.30
423	Sealer of Weights & Measures testing scales ....	1.50
424	John H. Sullivan, cartage crushed stone .....	112.45
425	James J. Dugan, garbage .....	405.65
426	George T. King, labor at dump .....	54.00
427	Cornelius Harrington, labor at dump .....	54.00
428	Jacob Mohr, sharpening tools .....	3.10
429	H. H. Lawton, stable supplies .....	7.00
430	Wm. F. Gratrix, rep collar .....	1.25
431	O. R. Braman, whip .....	.85
432	Daniel Beard, shoeing .....	4.50
433	George W. Callahan, shoeing .....	2.75
434	M. Kennedy shoeing .....	2.00
435	Remington Ward, paper .....	1.75
436	Simon Hart, office supplies .....	.45
437	George H. Carr, time books .....	1.50
438	Ralph R. Barker, oil, lead, etc. ....	1.85
439	Alex J. Fludder, pipe .....	1.60
440	Newport Gas Light Company, coke .....	1.32
441	Wm. K. Covell, coal hod, etc. ....	.78
442	Alex N. Barker & Company lumber etc. ....	28.09
443	M. Brotherson sharpening tools .....	1.75
444	The Peckham Company hoe handle .....	.65
445	Wm. B. Scott & Company shovel, paint, etc. ....	4.95
446	Ward Printing Company printing .....	3.50
447	J. B. F. Smith & Company glass, putty, etc. ....	2.45
448	George W. Ritchie, stable supplies .....	3.50
449	H. L. Marsh & Company, forage .....	184.48
450	E. S. Peckham, fuel .....	45.25
451	P. F. Clarke & Company, shoeing .....	4.50
452	Shreenan & Sullivan, shoeing .....	2.25
453	John M. Friend, cement .....	23.10
454	Postage stamps, .....	2.00
455	Boston & Lockport Block Company, diaphragms ..	10.80
456	J. Stacy Brown, stone .....	34.37
457	J. K. Sullivan, gravel .....	7.33
458	John E. Leddy, shoeing .....	4.00
	Pay Roll .....	5,224.38
		<hr/>
		\$82,925.49

## NOVEMBER.

459	Barrett Mfg. Company, tarvia .....	\$85.97
460	Downing Brothers, prescription .....	4.75
461	American Brake Shoe & Foundry Company .....	65.00
462	George A. Weaver Company scoops .....	2.70
463	Remington Typewriter Company carbon paper....	3.00
464	Thos. G. Owen, automobile repairs .....	29.08
465	James J. Dugan, garbage .....	405.65
466	George T. King, labor at dump .....	50.00
467	Cornelius Harrington, labor at dump .....	50.00
468	Simon Hart, office supplies .....	2.20
469	Walsh Brothers, stove .....	21.25
470	Wm. K. Covell, stove, etc. ....	8.15



# REPORT OF STREET COMMISSIONER

85

471	Wright Brothers, lead .....	1.88
472	Wm. B. Scott & Company, scoop, manger, etc. ....	2.90
473	Ralph R. Barker, glass, etc. ....	.87
474	J. K. Sullivan, gasoline .....	54.50
475	George W. Callahan, shoeing .....	3.75
476	M. Kennedy, shoeing .....	2.00
477	Daniel Beard, shoeing .....	4.50
478	Peter F. Clarke & Company, shoeing .....	4.50
479	Wm. F. Gratrix, stable supplies .....	4.35
480	George H. Carr, ink .....	.75
481	Jas. Corrigan, labor and dirt .....	36.59
482	H. L. Marsh & Company, forage .....	164.54
483	Shreenan & Sullivan, shoeing .....	4.00
484	M. F. Shea, wheels, tires, etc. ....	46.45
485	Alex N. Barker & Company, brick, etc. ....	14.38
486	John M. Friend, cement, etc. ....	37.35
487	Chas. S. Goddard, chain, etc. ....	3.45
488	Newport Paper & Grocery Company, toilet .....	.84
489	Dring & Smith, lead .....	3.76
490	Stamps & express .....	1.15
491	J. J. Connell, kerosene .....	7.50
492	J. K. Sullivan, gravel .....	4.13
493	A. J. Fludder, pipe .....	25.80
494	N. Y., N. H. & H. R. R. Co., freight .....	1.81
495	Dr. F. deM. Bertram, vet. services .....	25.00
496	J. Stacy Brown, stone .....	7.70
	Pay Roll .....	3,480.94

\$87,598.63

## DECEMBER.

497	The Peckham Company, oil, etc. ....	\$4.25
498	Newport Gas Light Company, use of radiator ....	1.22
499	Downing Brothers, nitre .....	.35
500	G. H. Burnham, screws, etc. ....	\$5.80
501	Remington Ward, paper .....	1.25
502	Edward S. Peckham, fuel .....	8.88
503	N. Y., N. H. & H. R. R. Co., cinders .....	27.50
504	James J. Dugan, garbage .....	661.85
505	George T. King, labor at dump .....	54.00
506	Cornelius Harrington, labor at dump .....	54.00
507	H. L. Marsh & Company, forage .....	137.57
508	George W. Callahan, shoeing .....	1.75
509	Shreenan & Sullivan, shoeing .....	4.50
510	M. Kennedy, shoeing .....	2.00
511	H. H. Lawton, stable supplies .....	4.25
512	O. R. Braman, team snaps .....	.50
513	Dring & Smith, lead .....	.90
514	Alex N. Barker & Company, nails, etc. ....	2.93
515	George A. Weaver Company, brush, etc. ....	.75
516	Chas. S. Goddard, sharpening tools, etc. ....	1.35
517	Ralph R. Barker, brushes, paint, etc. ....	38.24
518	J. K. Sullivan, contract .....	1,069.00
519	Morgan Brothers, contract building sea wall ....	1,866.00
520	John M. Friend, cement .....	7.75
521	Phillip F. Conroy, pipe, etc. ....	21.82
522	J. K. Sullivan, gravel .....	52.00
523	Wright Brothers, paint, etc. ....	11.50

## REPORT OF STREET COMMISSIONER

524	George H. Chase, blue prints .....	1.71
525	Julius Burdick, bicycle tire .....	4.00
	Pay Rolls .....	2,171.09
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		\$93,817.34







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# Annual Report

of the

## Street and Highway Department

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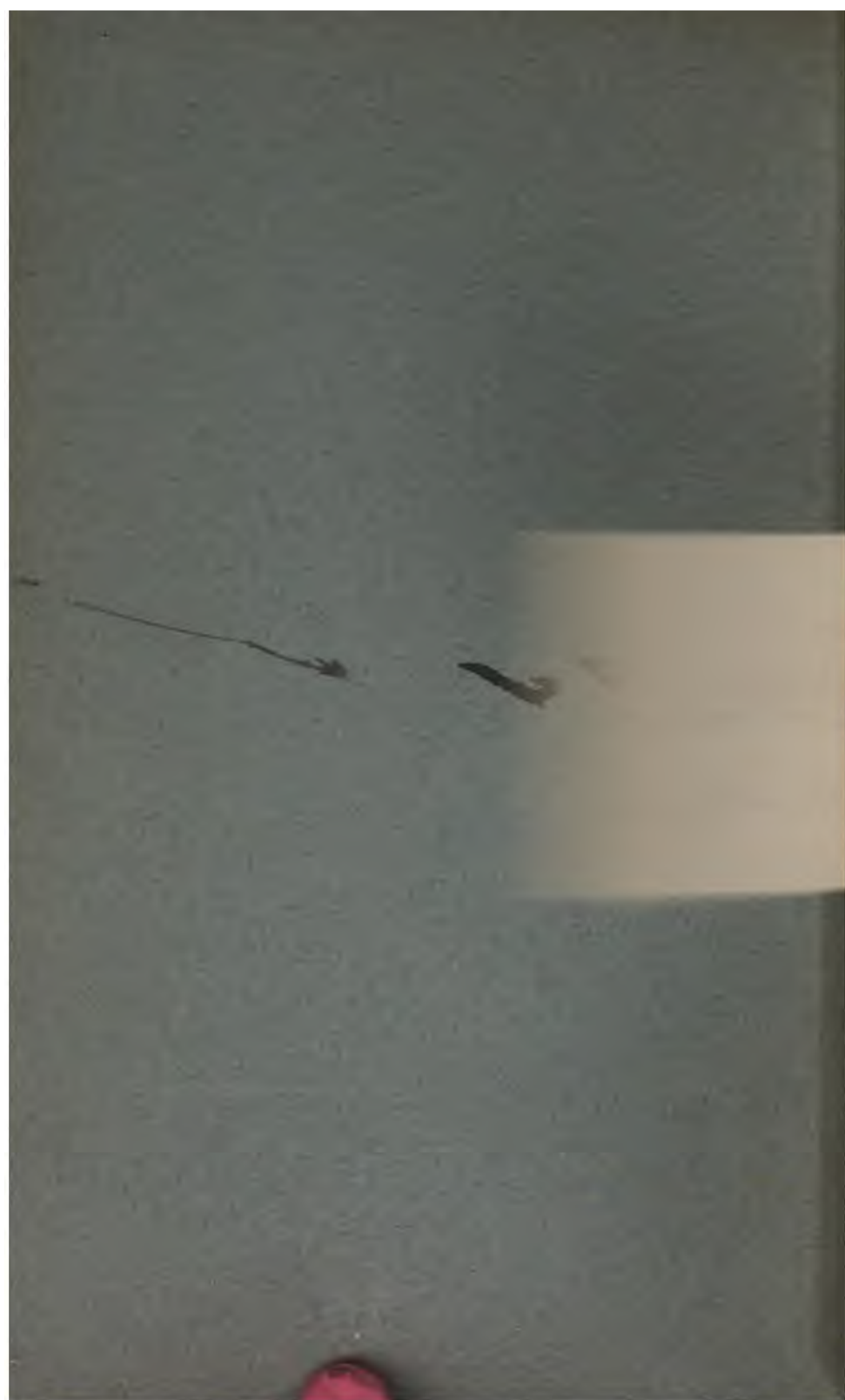


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OF THE  
**CITY OF NEWPORT**  
RHODE ISLAND  
Municipal Year of 1909

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V T G B





# Annual Report

OF THE

~~Comptroller~~  
et Commissioner

~~For~~

OF THE

CITY OF NEWPORT

RHODE ISLAND



# Annual Report of Street Commissioner

To the Honorable Representative Council of the City of Newport:—

Gentlemen:—I have the honor of submitting the following report of the operations of the Department of Streets and Highways for the municipal year of 1909.

## STATISTICS.

This office has carefully prepared and revised the following statistics from the records of the department, viz:

Streets.		Mileage.
Granite block pavement .....		1.69
Bitulithic and Granite block pavement .....		1.56
Telford macadam .....		15.35
Macadam .....		40.23
Tarvis-madacam .....		2.06
Tarvia .....		1.36
Cobble .....		.51
Dirt .....		27.82
Total .....		90.67
Sidewalks.		
Granolithic .....		16.657
Granolithic & dirt .....		.705
Flagstone .....		2.598
Flagstone and cobble .....		.145
Flagstone and dirt .....		1.428
Brick .....		2.898
Asphalt .....		.644
Asphalt block .....		.485
Plank .....		.313
Dirt .....		88.334
Total .....		114.207
Gutters.		
Granite culls .....		15.91
Cobbles .....		36.44
Flagstone and cobble .....		.92
Total .....		53.27
Curb.		
Bluestone .....		40.788
Granite .....		13.787
Granolithic .....		1.853
Total .....		56.429

## REPORT OF STREET COMMISSIONER

Sewers	
Vitrified pipe .....	35.685
Cast iron pipe .....	.599
Circular brick .....	4.727
Brick .....	1.449
Stone .....	.516
Tunnel .....	.388
Cement pipe .....	.104
Total .....	43.468
Total number of Catch Basins .....	448
Total number of Ejectiles .....	144
Total .....	592

## City Wharf.

Various repairs have been made during the year to the stable and other buildings located on the City Wharf, at an expense of two hundred and six and sixty-five one hundredth dollars.

I respectfully call your attention to the dilapidated condition of the buildings situated on the City Wharf. The stable is not only worn out but is too small to accommodate all of the horses, consequently we are obliged to keep some of them in adjoining sheds. We are also in need of more shed room for the carts and gears, so as to keep them all under cover and protect them from the weather. The Yard Office building should be raised up to the grade of Long Wharf.

I therefore recommend that a new stable be erected or the one now in use be enlarged, to meet all the requirements of the department, also additional shed room and necessary repairs to the yard office building.

## Horses and Carts.

One pair of horses were purchased this year, at an expense of six hundred and fifty dollars, the payment of which was made from the emergency fund. These horses were bought to replace a pair of worn-out horses; the latter were sold at auction by Mr. F. W. Greene for \$250.00, less commission of \$25.00, the net sum realized being \$225.00, which amount was deposited with the City Treasurer to the credit of the emergency fund.

I would recommend that an appropriation of \$650.00 be made each year for the purchase of horses, because with my long experience with horses, I find that their length of life and usefulness cannot be depended upon.

The Chief of the Fire Department has again this year kindly loaned to this department, a horse for his "keep", so that we were not obliged to purchase a horse this year for general work, although there was an appropriation of one hundred dollars allowed for same.

One of the carts has received a new body and various repairs have been made to other carts.

The permanent employees of the department will repair and repaint the carts and gears during the winter months, and they will be in good condition for the spring work.

#### Removal of Snow and Ice.

The city is again very fortunate this year in the expense of the removal of snow and ice, graveling crosswalks, etc.

The total cost this year being but \$804.54, which is \$876.22 less than last year.

This office has prepared the following table which will give you the comparative cost of the removal of snow for the past ten years, viz:

1900 .....	\$ 483.08
1901 .....	1,078.70
1902 .....	2,967.17
1903 .....	8,049.79
1904 .....	1,860.55
1905 .....	2,752.04
1906 .....	620.42
1907 .....	4,087.16
1908 .....	1,680.76
1909 .....	804.54

Total ..... \$24,384.21

This makes an average cost per year for the past ten years of \$2,438.42. To convince you of the uncertainty of the cost of the removal of snow, I refer you to the year 1903, when the expenditure was \$8,049.79 for this purpose.

#### Removal of Snow.

		Department		Carts.		Hired Teams.		Total.
		Teams		Loads.	Cu. Yds.	Loads.	Cu. Yds.	
Jan. 15	46	138	45	67½	none	none		205½
Feb. 5	22	66	51	76½	none	none		142½
Total	68	204	96	144				384

#### Cleaning Streets.

The Street Cleaning Department is divided into several sections; section No. 1 and No. 2, cover the most thickly inhabited part of the city, other than the permanent pavements, and during the past season they have cleaned a total area of 6,208,620.06 square yards and removed 3,331 loads of material from the streets.

Section No. 3 and No. 4, cover mostly suburban districts, and in addition to sweeping streets, they do weeding, mowing of grass trimming edges and perform various other odd jobs of repairs to streets and sidewalks; during the past season these two gangs have

covered their districts as follows, viz: Total area cleaned, 4,437,924.25 square yards; total area of grass mowed, 1,085,865 square yards; and they have removed 4,219 loads of material from the streets and highways.

Section No. 5 is employed on Bellevue Avenue during the summer season, which they cover about twice a day.

The above mentioned sweepers are employed only part of the year, which is regulated by weather conditions and the amount of the appropriation. This year the season commenced on April 5th and ended on December 4th, and at a total expense of \$16,602.59

The permanent pavements of Thames and Spring Streets, Broadway and Long Wharf, including Washington Square, are swept throughout the year, except upon extreme cold weather or when the pavements are covered with snow and ice. The expense of sweeping these paved streets varies in cost each year, owing to light or heavy snow falls.

The total cost of sweeping the permanent pavements this year was \$10,990.88, which in addition to the cost of sweeping all other streets, makes a total expense of \$27,593.47 for the cleaning of streets, which is \$583.24 less than last year.

The following table will give you some idea of the area, cost, etc., of the street cleaning, viz:

#### Cleaning Streets—Season 1909.

Permanent Pavements	Sq. Yds.	Cost per Sq. Yd.	Total Cost.
		Avg.	
Thames Street .....	17,613.21	.329	\$5,806.72
Spring Street .....	16,301.04	.135	2,208.01
Broadway & Washington Sq. ....	15,290.32	.131	2,092.66
Long Wharf .....	3,179.40	.277	883.49
Total .....	52,383.97	.209	\$10,990.88
All other streets .....	1,012,467.95	.016	16,602.59
Total .....	1,064,851.92	.026	\$27,593.47

#### Collection and Disposal of City Garbage.

This is the third year that the garbage has been collected under the five-year contract with Mr. James J. Dugan.

Twenty-three complaints have been made this year which were properly adjusted by the contractor.

The Wellington Avenue Dump was abandoned on the 13th of August; because there was no more room for filling. The man that was employed at this dump was transferred to the Homer Street dump to assist the other man who is employed there.

On November 5th the Contractor was given permission to dump

at Anthony's Ledge on Harrison Avenue on Thursdays or Fridays of each week.

On July 15th, your Honorable Body made an appropriation of \$200.00 for the building of a portable cage and for labor burning the paper, etc., during the night time, at the Wellington Avenue dump, but the amount appropriated was more than sufficient, the actual cost being but \$59.15.

#### Gravel.

The gravel contract for furnishing Paving gravel to this department for the municipal year of 1909, was awarded to James J. Dugan by the Honorable Board of Aldermen, at the rate of sixty-nine (69) cents per ton, to be delivered on the City Wharf or such other wharves as the Street Commissioner may designate, also, that said gravel to be satisfactory to the Street Commissioner in fineness and quality, free from loam, sand, shells and other foreign substances, and to be of the same quality as the sample submitted. The gravel question has been "A bone of contention" with this department since the contract was awarded.

For a number of years past it has been the custom for the contractor to deliver the gravel on the City Wharf, when so notified by the Street Commissioner, and monthly payments was made of same as the gravel was weighed over the City scales, but this arrangement evidently did not meet with the approval of the present contractor. With Voucher No. 176 this department paid the contractor for all gravel weighed up to and including April 26th, 1909, amounting to 60-810 tons. On May 6th, the contractor presented to, and the Honorable Board of Aldermen ordered paid, without my approval, Voucher No. 186 for 168-1190 tons of gravel, which the contractor claimed was the balance of gravel he had delivered on the City Wharf. A careful weighing was made of this gravel and it weighed out 136-340 tons, a difference or shortage of 32-850 tons.

I would also say, that part of the gravel delivered did not meet with my approval, because it was not of the same quality as the sample submitted.

To emphasize the fact that the weighing of the gravel over the City scales is the best method for all concerned, I will say, that owing to the gravel controversy, I instructed the City Engineer to measure the gravel which was delivered on the City Wharf during the latter part of the month of June. The City Engineer's official measurement was 2346 cu. ft., equal to 87 cu. yds., which at 2550 lbs. each, makes a total weight of 110-1850 tons, which plus 1-710 tons which was weighed before the said measurement, makes a total of 112-560 tons, which was paid to the contractor as per Voucher No. 260. This load of gravel was also carefully weighed

## REPORT OF STREET COMMISSIONER

one over the city scales and amounted to 126-1220 tons, or 14-660 tons more than the measurement of the City Engineer. This difference deducted from the overpayment as per Voucher No. 156, makes a difference of 14-190 tons of gravel which the city has paid for but has not received. I submit a detail report as follows.

Voucher No. 156

Paid by order of Board of Aldermen without my ap- proval	163-1150 tons
Weighted as per city scales	134-340 tons

Overpaid	32-850 tons
Voucher No. 260 As weighed over the City scales	126-1220 tons
Paid as per measurement of City Engineer	111-1150
Plus amount weighed before measurement	1-710
Weighted out more than measurement	14-660 tons
Overpaid as per Voucher No. 156	32-850 tons
Over weighed more than City Engineer Measure- ment Voucher No. 260	14-660 tons
Paid for but not received	15-190 tons

I understand that the Board of Aldermen on July 9th, also paid for another balance which was claimed by the contractor, on this latter charge to the amount of \$15.08, which in addition to the overpayment as per above statement amounting to \$15.08, makes a total of \$30.16 that the contractor has received for gravel in excess of the weight over the city scales, and which amount has been paid from the appropriation of Streets and Highways, without my approval.

## Cleaning Catch Basins.

Four men with carts are employed from ten to eleven months of the year in the work of cleaning and flushing Catch Basins and Eyeholes. 1543 Catch Basins and Eyeholes were cleaned this year, at a total cost of \$1581.00 or an average cost of \$2.06 each. 1525 loads of material was removed from these catch basins.

## Catch Basins and Eyeholes.

	CATCH BASINS	EYEHOLES	TOTAL
Total number reported last year	444	139	583
Built during the year 1909, as follows, viz:			
Carroll Ave., at Bateman Ave., north side	1		1
Coggeshall Ave., at A. T. Anthony Est., east side		1	1
Coggeshall Ave., at A. T. Anthony Est., west side		1	1
Coggeshall Ave., at Jones Est., east side	1		1
Coggeshall Ave., at Mayer Est., west side		1	1
Coggeshall Ave., at Jones Est., west side		1	1
Connection at Marchant St., N. W. cor.		1	1
Ridge Road, south of King Farm Driveway E. side	1		1
Morton Avenue, near Spring St., north side	1		1
	448	144	592



**Cleaning Main Sewers.**

Four men are employed throughout the year (weather permitting) to flush and keep clear our sewerage system. We have now about forty-three miles of sewers and the total expense this year for this work was \$2,518.41 or an average cost of \$58.56 per mile for the season. I would again suggest that no more sewers be built of a diameter of less than ten inches. Nearly one-half of our sewerage system is comprised of eight inch pipe, which is of too small capacity to take care of the increasing amount of house drainage and storm water. During the year seventy-nine sewer connections have been inspected by this department.

About 91 tons of gravel taken from the main sewers this year was used for various work. A net saving to the department of \$62.79.

**Watering Streets.**

This office again this year has been diligently at work to determine the amount of water used and the mileage and area covered by the watering of streets.

The total cost of watering this year was \$10,077.23 or \$150.40 per mile watered during the entire season, which is about \$9.40 less than last season.

Although this has been a very dry season the total watering days were 206 days less than last year.

About sixty-seven (67) miles of streets are watered on an average of twice per day.

The watering of streets commenced on May 10th and continued until October 30th, when the hired teams were retired.

I would recommend the purchase of two single watering carts, to replace worn out carts. During the winter months the watering carts will be thoroughly overhauled, repaired and repainted by the permanent men in the employ of the department.

We take pleasure in submitting to your honorable body the following statistics of the street watering, viz:

## STREET WATERING.

Single Cart No. 10. Capacity 350 Gals.  
 Loads per day—Fresh, 50; Salt, None. Gallons used per day—Fresh, 17,500; Salt, None.

	Days Wat'd	Totals.			Mileage of Streets Watered.			Area of Streets Watered		
		Gallons of Water Used.			Fresh			Sq. yds.		
		Fresh	Salt	Total	Fresh	Salt	Total	Sq. yds. Fresh	Sq. yds. Salt	Sq. yds. Total
1909.										
May	11	192,500	—	192,500	97.70	—	97.70	1,158,831.30	—	1,158,831.30
June	18	315,000	—	315,000	160.02	—	160.02	1,800,200.40	—	1,800,200.40
July	23-2	406,875	—	406,875	200.09	—	200.09	2,440,347.08	—	2,440,347.08
Aug.	20-6	363,125	—	363,125	184.47	—	184.47	2,185,977.22	—	2,185,977.22
Sept.	11-4	201,250	—	201,250	102.24	—	102.24	1,211,505.45	—	1,211,505.45
Oct.	3	52,500	—	52,500	26.67	—	26.67	310,044.00	—	310,044.00
	87-4	1,531,250	—	1,531,250	777.89	—	777.89	9,217,970.25	—	9,217,970.25

**Gallons used per day—Fresh, 13,300; Salt, None.**

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# STREET WATERING.

Loads per day		Single Cart No. 10.		Capacity 350 Gals.		Gallons used per day		Fresh, 14,350; Salt, None.	
		Fresh, 41; Salt, None.		Totals.		Mileage of		Area of Streets Watered	
		Gallons of Water Used.		Streets Watered.		Sq. yds.		Sq. yds.	
1900.	Days	Fresh	Salt	Total	Fresh	Salt	Total	Fresh	Total
May	12 2	175,788	-	175,788	75.40	-	75.40	1,033,401.83	1,033,401.83
June	21 6	301,350	-	301,350	120.30	-	120.30	1,771,700.28	1,771,700.28
July	27 6	308,212	-	308,212	170.04	-	170.04	2,341,176.37	2,341,176.37
Aug.	26	373,100	-	373,100	100.10	-	100.10	2,103,533.08	2,103,533.08
Sept.	11 4	105,025	-	105,025	70.84	-	70.84	970,210.82	970,210.82
Oct.	12 4	179,375	-	179,375	77.00	-	77.00	1,054,583.50	1,054,583.50
	111	1,502,850	-	1,502,850	083.70	-	083.70	9,304,701.48	9,304,701.48

## STREET WATERING.

Single Cart No. 17.

Capacity 300 Gals.

Loads per day—Fresh, 45; Salt, None.

Gallons used per day—Fresh, 13,500; Salt, None.

Totals.		Mileage of			Area of Streets Watered			
		Gallons of Water Used.		Streets Watered.	Fresh		Salt	Sq. yds.
		Fresh	Salt	Total	Fresh	Salt	Total	Sq. yds.
1909.	Days							Total
May	11	148,500	—	148,500	111.10	—	111.10	1,202,219.70
June	20	270,000	—	270,000	202.00	—	202.00	2,185,854.00
July	27-5	372,938	—	372,938	279.01	—	279.01	3,019,210.84
Aug.	24-2	327,375	—	327,375	244.93	—	244.93	2,650,347.97
Sept.	11-4	155,250	—	155,250	116.15	—	116.15	1,256,866.05
Oct.	12-4	168,750	—	168,750	126.25	—	126.25	1,366,158.75
	106-7	1,442,813	—	1,442,813	1,079.44	—	1,079.44	11,680,657.31

# STREET WATERING.

Single Cart No. 18.

Capacity 350 Gals.

Loads per day—Fresh, 50; Salt, None. Gallons used per day Fresh, 17,500; Salt, None.

Totals.				Mileage of Streets Watered.				Area of Streets Watered			
Gallons of Water Used.											
Days Wat'd	Fresh	Salt	Total	Fresh	Salt	Total	sq. yds. Fresh	sq. yds. Salt	sq. yds. Total	sq. yds. Fresh	sq. yds. Total
1909.											
May	11	192,500	192,500	80.08	—	80.08	1,345,200.04	—	1,345,200.04	1,345,200.04	1,345,200.04
June	18	315,000	315,000	141.84	—	141.84	2,201,303.52	—	2,201,303.52	2,201,303.52	2,201,303.52
July	23	402,500	402,500	181.24	—	181.24	2,812,801.72	—	2,812,801.72	2,812,801.72	2,812,801.72
Aug.	21-2	371,875	371,875	107.45	—	107.45	2,508,807.35	—	2,508,807.35	2,508,807.35	2,508,807.35
Sept.	11-4	201,250	201,250	90.02	—	90.02	1,400,445.80	—	1,400,445.80	1,400,445.80	1,400,445.80
Oct.	3	52,500	52,500	23.04	—	23.04	300,808.02	—	300,808.02	300,808.02	300,808.02
	87-6	1,535,025	1,535,025	601.47	—	601.47	10,731,703.41	—	10,731,703.41	10,731,703.41	10,731,703.41

## STREET WATERING.

Single Cart No. 19.

Capacity 300 Gals.

Loads per day—Fresh, 42; Salt, None. Gallons used per day—Fresh, 12,000; Salt, None.

Totals.			Mileage of Streets Watered.			Area of Streets Watered		
Gallons of Water Used.			Fresh			Sq. yds.		
Days Wat'd	Fresh	Salt	Fresh	Salt	Total	Fresh	Salt	Total
1900.								
May	11	138,600	74.03	---	74.03	791,593.06	---	791,593.06
June	18	226,800	121.14	---	121.14	1,295,335.08	---	1,295,335.08
July	23	289,800	154.79	---	154.79	1,655,150.38	---	1,655,150.38
Aug.	21-2	267,750	143.01	---	143.01	1,529,215.03	---	1,529,215.03
Sept.	11-4	144,900	77.40	---	77.40	827,575.19	---	827,575.19
Oct.	3	37,800	20.19	---	20.19	215,889.18	---	215,889.18
	87-6	1,105,650	590.56	---	590.56	6,314,758.52	---	6,314,758.52

# STREET WATERING.

Leads per day—	Single Cart No. 20.		Capacity 300 Gals.		Gallons used per day		Fresh, 13,000; Salt, None.	
	Fresh, 45; Salt, None.		Totals.		Streets Watered		Area of Streets Watered	
	Gallons of Water Used.		Mileage of		Sq. yds.		Sq. yds.	
	Days	Fresh	Salt	Total	Fresh	Salt	Total	Sq. yds.
1900.	Wat'd							Total
May	11	148,500		148,500	78.08		78.08	108,403.52
June	18	243,000		243,000	120.21		120.21	1,011,707.70
July	23	310,500		310,500	165.14		165.14	2,060,404.30
Aug.	21	286,875		286,875	152.68		152.68	1,002,710.66
Sept.	11	155,250		155,250	82.67		82.67	1,020,402.08
Oct.	12	168,750		168,750	80.75		80.75	1,110,211.60
	97	1,312,875		1,312,875	608.26		608.26	8,707,408.87



(Gallons used per day—F<sup>resh</sup>, 11.400; Salt, None.

## Single Cart No. 36.

Capacity 350 Gals.

Loads per day—Fresh, 34; Salt, 2. Gallons used per day Fresh, 11,000; Salt, 700.

Totals.		Gallons of Water Used.			Mileage of Streets Watered.			Area of Streets Watered			Sq. yds. Total	
		Days Work'd	Fresh	Salt	Total	Fresh	Salt	Total	Sq. yds. Fresh	Sq. yds. Salt		
1909.												
Apr.		2	23,800	1,400	25,200	12.06	.78	12.84	120,093.72	0,430.04	127,332.70	
May		11-7	141,313	8,312	149,625	71.61	4.63	76.24	716,018.96	30,410.30	756,039.26	
June		19-1	227,587	13,388	240,975	115.32	7.46	122.78	1,154,133.70	63,485.82	1,217,019.52	
July		23-5	281,138	165,37	297,075	142.46	9.21	151.67	1,425,004.57	78,423.00	1,504,118.23	
Aug.		21-2	252,875	14,875	267,750	128.13	8.20	136.42	1,282,370.77	70,530.80	1,352,910.57	
Sept.		11	130,900	7,700	138,600	66.33	4.20	70.62	663,815.46	30,514.72	700,330.18	
Oct.		12-6	151,725	8,925	160,650	73.9	4.97	81.80	709,422.47	42,323.88	811,746.35	
		101-5	1,200,338	71,137	1,280,475	612.80	30.63	652.43	6,132,740.65	337,340.22	6,470,080.87	

# STREET WATERING.

Single Cart No. 37.

Capacity 350 Gals.

Loads per day—Fresh, 33; Salt, 3. Gallons used per day—Fresh, 11,550; Salt, 1,050.

		Totals.			Mileage of			Area of Streets Watered			
		Gallons of Water Used.			Streets Watered.						
1909.	Days Wat'd	Fresh	Salt	Total	Fresh	Salt	Total	Sq. yds. Fresh	Sq. yds. Salt	Sq. yds. Total	Sq. yds. Total
Apr.	2-2	25,987	2,363	28,350	15.35	5.85	21.20	158,436.14	70,517.06	234,953.80	234,953.80
May	10-4	121,275	11,025	132,300	71.61	27.30	98.91	730,368.63	357,082.43	1,096,451.06	1,096,451.06
June	19-7	229,556	20,869	250,425	135.55	51.67	187.22	1,399,519.19	675,906.02	2,075,425.21	2,075,425.21
July	23-5	272,869	24,806	297,675	161.12	61.43	222.55	1,663,579.42	803,435.45	2,467,014.87	2,467,014.87
Aug.	22-4	259,875	23,625	283,500	153.45	58.50	211.95	1,584,361.35	765,176.63	2,349,537.98	2,349,537.98
Sept.	11	127,050	11,550	138,600	75.02	28.60	103.62	774,576.66	374,086.35	1,148,663.01	1,148,663.01
Oct.	13-2	153,038	13,912	166,950	90.36	34.45	124.81	933,012.79	450,604.01	1,383,616.80	1,383,616.80
	103	1,189,650	108,150	1,297,800	702.46	267.80	970.26	7,252,854.18	3,502,808.55	10,755,662.73	10,755,662.73

## STREET WATERING.

Double Cart No. 25.

Capacity 600 Gals.

Loads per day—Fresh, 34; Salt, 2.

Gallons used per day—Fresh, 20,400; Salt, 1,200.

Days		Gallons of Water Used.			Mileage of Streets Watered.			Area of Streets Watered		
		Fresh	Salt	Total	Fresh	Salt	Total	Sq. yds. Fresh	Sq. yds. Salt	Sq. yds. Total
1909,	Wat'd									
May	11	224,400	13,200	237,600	120.45	33.55	154.00	1,869,041.08	472,735.56	2,341,777.24
June	20	408,000	24,000	432,000	219.00	61.00	280.00	3,398,257.00	859,519.20	4,257,776.80
July	27-1	553,350	32,550	585,900	297.02	82.73	379.75	4,608,886.87	1,165,722.92	5,774,609.79
Aug.	26	530,400	31,200	561,600	284.70	79.30	364.00	4,417,734.88	1,117,374.06	5,535,109.84
Sept.	12	244,800	14,400	259,200	131.40	36.60	168.00	2,038,954.56	515,711.52	2,554,666.08
Oct.	2-4	51,000	3,000	54,000	27.37	7.63	35.00	424,782.20	107,439.00	532,222.10
	98-5	2,011,950	118,350	2,130,300	1,079.94	300.81	1,380.75	16,757,657.79	4,288,504.06	20,996,161.85

# STREET WATERING.

Double Cart No. 27.

Capacity 600 Gals.

Loads per day—Fresh, 40; Salt, None.                      Gallons used per day—Fresh, 24,000; Salt, None.

Totals.		Gallons of Water Used.			Mileage of Streets Watered.			Area of Streets Watered			
		Fresh	Salt	Total	Fresh	Salt	Total	Sq. yds. Fresh	Sq. yds. Salt	Sq. yds. Total	
1900.	Wat'd										
May	12	288,000	—	288,000	146.28	—	146.28	2,120,406.06	—	2,120,406.06	
June	21	504,000	—	504,000	255.99	—	255.99	3,710,869.08	—	3,710,869.08	
July	27-5	663,000	—	663,000	336.75	—	336.75	4,881,560.71	—	4,881,560.71	
Aug.	26	624,000	—	624,000	316.94	—	316.94	4,594,410.08	—	4,594,410.08	
Sept.	14-2	342,000	—	342,000	173.71	—	173.71	2,518,000.14	—	2,518,000.14	
Oct.	16-6	402,000	—	402,000	204.18	—	204.18	2,959,860.34	—	2,959,860.34	
	117-5	2,823,000	—	2,823,000	1,433.85	—	1,433.85	20,785,287.91	—	20,785,287.91	

Double Cart No. 28.	Capacity 600 Gals.
Loads per day—Fresh, 30; Salt, 4.	Gallons used per day—Fresh, 18,000; Salt, 2,400.

	Totals.			Mileage of			Area of			Sq. yds. Total
	Gallons of Water Used.			Streets Watered.			Streets Watered.			
Days	Fresh	Salt	Total	Fresh	Salt	Total	Sq. yds. Fresh	Sq. yds. Total	Sq. yds. Total	
1909.										
Wat'd										
7-5	137,250	18,300	155,550	33.70	3.74	37.44	042,064.05	132,100.57	774,231.22	
Apr.										
18-2	328,500	43,800	372,300	80.67	8.94	89.61	1,530,744.00	310,333.00	1,853,077.00	
May										
19-7	357,750	47,700	405,450	87.85	9.74	97.59	1,073,578.35	344,490.74	2,018,078.00	
June										
23-7	429,750	57,300	487,050	105.52	11.69	117.21	2,010,309.15	413,833.01	2,424,232.10	
July										
21-2	382,500	51,000	433,600	93.93	10.42	104.35	1,780,300.50	308,333.05	2,157,003.55	
Aug.										
11	198,000	26,400	224,400	48.62	5.38	54.01	926,257.20	190,060.52	1,116,923.72	
Sept.										
12-2	220,500	29,400	249,900	54.15	6.00	60.15	1,031,513.70	212,333.17	1,243,846.87	
Oct.										
114-1	2,054,250	273,900	2,328,150	504.44	55.92	560.36	9,009,918.45	1,978,105.15	11,588,083.60	

**Double Cart No. 20.**

Loads per day—Fresh, 36; Salt, None.  
Gallons used per day—Fresh, 21,600; Salt, None.

Totals.		Gallons of Water Used.		Mileage of Streets Watered.		Area of Streets Watered	
Days	Wat'd	Fresh	Salt	Total	Fresh	Sq. yds.	Sq. yds.
						Total	Total
1909,							
May	11	237,600	---	237,600	129,69	1,908,046.30	1,908,046.30
June	20	432,000	---	432,000	235.80	3,578,246.00	3,578,246.00
July	27-1	585,900	---	585,900	319.81	4,853,023.26	4,853,023.26
Aug.	26	561,600	---	561,600	306.54	4,651,745.80	4,651,745.80
Sept.	11-4	248,400	---	248,400	135.59	2,057,502.95	2,057,502.95
Oct.	12-4	270,000	---	270,000	147.37	2,236,416.25	2,236,416.25
	108-1	2,335,500	---	2,335,500	1,274.80	19,345,000.56	19,345,000.56

## STREET WATERING.

Double Cart No. 30.

Capacity 600 Gals.

Loads per day—Fresh, 18; Salt, 7. Gallons used per day—Fresh, 10,800; Salt, 4,200.

Totals.

Mileage of

	Days Wat'd	Gallons of Water Used.			Streets Watered.			Area of Streets Watered		
		Fresh	Salt	Total	Fresh	Salt	Total	Sq. yds. Fresh	Sq. yds. Salt	Sq. yds. Total
1909.										
May	11	118,800	46,200	165,000	43.45	23.43	66.88	604,685.34	440,000.00	1,104,685.34
June	20	216,000	84,000	300,000	79.00	42.60	121.60	1,208,518.80	800,000.00	2,008,518.80
July	27-1	292,950	113,925	406,875	107.14	57.78	164.92	1,639,053.62	1,085,000.00	2,724,053.62
Aug.	26	280,800	109,200	390,000	102.70	55.38	158.08	1,571,074.44	1,040,000.00	2,611,074.44
Sept.	11-4	124,200	48,300	172,500	45.43	24.49	69.92	694,898.31	460,000.00	1,154,898.31
	95-5	1,032,750	401,625	1,434,375	377.72	203.68	581.40	5,778,230.51	3,825,000.00	9,603,230.51



# STREET WATERING.

Double Cart No. 31.

Capacity 600 Gals.

Loads per day—Fresh, None; Salt, 12.

Gallons used per day—Fresh, None; Salt, 7,200.

Totals.				Mileage of Streets Watered.				Area of Streets Watered			
Gallons of Water Used.				Streets Watered.							
Days	Fresh	Salt	Total	Fresh	Salt	Total	Sq. yds. Fresh	Sq. yds. Salt	Sq. yds. Total		
1909.											
May	11	79,200	79,200	---	77.22	77.22	---	1,450,357.26	1,450,357.26		
June	20	144,000	144,000	---	140.40	140.40	---	2,637,013.20	2,637,013.20		
July	27.1	195,300	195,300	---	190.42	190.42	---	3,576,449.15	3,576,449.15		
Aug.	26	187,200	187,200	---	182.52	182.52	---	3,428,117.16	3,428,117.16		
Sept.	11-4	82,800	82,800	---	80.73	80.73	---	1,516,282.59	1,516,282.59		
	95-5	688,500	688,500	---	671.29	671.29	---	12,008,219.36	12,008,219.36		

[illegible]

## STREET WATERING.

Double Cart No. 33.

Capacity 600 Gals.

Loads per day—Fresh, 20; Salt, None.

Gallons used per day Fresh, 12,000; Salt, None.

## Totals.

## Mileage of

## Gallons of Water Used.

## Streets Watered.

## Area of Streets Watered

1909. June July Aug. Sept.	Days Wat'd 8-1 23-1 21-2 11-4	Gallons of Water Used.		Total		Fresh		Salt		Total		Sq. yds. Fresh		Sq. yds. Salt		Sq. yds. Total	
		Fresh	Salt														
		97,500	—	97,500		62.48		—		62.48		1,425,078.04		—		1,425,078.04	
		277,500	—	277,500		177.83		—		177.83		4,057,700.73		—		4,057,700.73	
		255,000	—	255,000		163.41		—		163.41		3,728,507.08		—		3,728,507.08	
		138,000	—	138,000		88.44		—		88.44		2,017,883.61		—		2,017,883.61	
	64	768,000	—	768,000		492.16		—		492.16		11,220,000.00		—		11,220,000.00	

## SUMMARY OF STREET WATERING.

Cart.	Days Wat'd	Totals.			Gallons of Water Used.			Mileage of Streets Watered.			Area of Streets Watered		
		Fresh	Salt	Total	Fresh	Salt	Total	Fresh	Salt	Total	Sq. yds. Fresh	Sq. yds. Salt	Sq. yds. Total
No. 25	98-5	2,011,950	118,350	2,130,300	1,079.94	300.81	1,380.75	16,757,657.79	4,238,504.06	20,996,161.85			
No. 27	117-5	2,823,000	---	2,823,000	1,433.85	---	1,433.85	20,785,287.91	---	20,785,287.91			
No. 28	114-1	2,054,250	273,900	2,328,150	504.44	55.92	560.36	9,609,918.45	---	11,588,083.60			
No. 29	108-1	2,335,500	---	2,335,500	1,274.80	---	1,274.80	19,345,000.56	---	19,345,000.56			
No. 30	95-5	1,032,750	401,625	1,434,375	377.72	203.68	581.40	5,778,230.51	---	9,603,230.51			
No. 31	95-5	---	688,500	688,500	---	671.29	671.29	---	---	12,608,219.36			
No. 32	109-7	2,601,938	---	2,601,938	1,103.15	---	1,103.15	16,987,145.27	---	16,987,145.27			
No. 33	64	708,000	---	708,000	492.16	---	492.16	11,229,960.96	---	11,229,960.96			
No. 10	87-4	1,531,250	---	1,531,250	777.88	---	777.88	9,217,976.25	---	9,217,976.25			
No. 14	97-3	1,295,088	---	1,295,088	628.07	---	628.07	6,760,354.80	---	6,760,354.80			
No. 16	111	1,592,850	---	1,592,850	683.76	---	683.76	9,364,701.48	---	9,364,701.48			
No. 17	106-7	1,442,813	---	1,442,813	1,079.44	---	1,079.44	11,680,657.31	---	11,680,657.31			
No. 18	87-6	1,535,625	---	1,535,625	691.47	---	691.47	10,731,793.41	---	10,731,793.41			
No. 19	87-6	1,105,650	---	1,105,650	590.56	---	590.56	6,314,758.52	---	6,314,758.52			
No. 20	97-2	1,312,875	---	1,312,875	698.26	---	698.26	8,707,698.87	---	8,707,698.87			
No. 22	87-5	998,925	---	998,925	621.26	---	621.26	6,144,289.54	---	6,144,289.54			
No. 36	101-5	1,209,338	71,137	1,280,475	612.80	39.63	652.43	6,132,749.65	---	6,470,095.87			
No. 37	103	1,189,650	108,150	1,297,800	702.46	267.80	970.26	7,252,854.18	---	10,755,662.73			
1771-3		26,931,452	1,661,662	28,593,114	13,352.02	1,539,131.48	14,891.15	182,801,035.46	---	26,490,043.34			209,291,078.80

# COMPARATIVE STATEMENT OF STREET WATERING.

Year	Totals.				Mileage of				Area of Streets Watered			
	Gallons of Water Used.				Streets Watered.				Sq. yds.			
	Days	Fresh	Salt	Total	Fresh	Salt	Total	Sq. yds.	Sq. yds.	Sq. yds.	Total	Sq. yds.
1907	Wat'd											
1907	1973-2	29,622,914	2,245,075	31,867,989	14,918.61	1,812.24	16,730.85	202,983,848.35	30,807,466.84	233,851,315.19		
1908	1977-2	30,353,738	1,861,038	32,214,776	15,007.45	1,768.34	16,775.79	204,414,971.15	30,205,186.88	234,620,158.03		
1909	1771-3	26,931,452	1,661,662	28,593,114	13,352.02	1,539.13	14,891.15	182,801,035.46	26,490,043.34	209,291,078.80		

### Applying Dustoline.

For the past three seasons we have applied dustoline to the roadbeds of certain streets with excellent results. We have used during this past season, three tank cars containing in all 24,376 gallons of this material.

Dustoline gives the best of satisfaction because it keeps the dust laid continually, while the effect of fresh water upon the roadbeds is only temporary.

Salt Sea Water is an excellent dust layer and can be more economically applied than dustoline, because we have an abundant supply of Salt Sea Water constantly at our disposal, which would cost us nothing, with the exception of installing pumping stations, pipe lines, etc.

The life of dustoline depends entirely upon weather conditions; dry weather, longer; wet weather, less. On an average it will keep the dust laid for a period of six weeks.

The cost of applying dustoline last season to a 20 foot roadbed was \$159.87 per mile for the season, which is \$65.96 less than last year. The difference in cost is readily accounted for, by the fact, that the roadbeds treated in previous years, do not need so heavy application of the material.

The total cost of dustlaying this year is as follows: viz:

Watering, \$10,077.23; applying dustoline, \$1,912.84; applying glutrin, \$92.37; applying Texas oil, \$0.87, making a total cost of \$12,083.33.

Two hundred (\$200.00) dollars was donated this year toward the expense of applying dustoline.

Messrs. H. D. Auchincloss, E. D. Morgan, H. O. Havermeyer Jr, and Sidney Webster furnished dustoline this year, at their own expense, which was applied to the roadbeds in front of their estates by this department.

The following is full and complete statistics in relation to the applying of dustoline, which has been carefully prepared by this office, viz:

**FIRST CAR OF DUSTOLINE.**  
First Application, June 2, 1900.

Street or Avenue.	Sq. Yds.	Average Gal. per Sq. Yard	Gals. Used	Cost per Gal. Applied	Total Cost
Broadway, west half, from Malbone road to Whitehall St.---	550	.1114	61	.0784	\$4 78
Broadway, full width, from Whitehall St. to a point half way between Vernon Ave. and Mile Corner-----	10,167	.1114	1133	.0784	88 87
Third St., Bridge St. to Training Station road-----	10,389	.1114	1157	.0784	90 75
Average cost per square yard, .0087.	21,106		2351		\$184 40

**FIRST CAR OF DUSTOLINE.**  
First Application, June 4, 1900.

Street or Avenue.	Sq. Yds.	Average Gal. per Sq. Yard	Gals. Used	Cost per Gal. Applied	Total Cost
Bridge St. -----	2,629	.1114	293	.0784	\$23 01
Elm St., Fourth St., to Second St.-----	1,080	.1114	121	.0784	9 53
Bellevue Ave., Touro St. to Bath road -----	9,664	.1114	1077	.0784	84 48
Bath road, Bellevue Ave. to Cliff Ave. -----	5,506	.1114	614	.0784	48 18
Bath road, from the Pavillon west -----	5,588	.1114	623	.0784	48 79
East Bowersy St., Bellevue Ave. to Middleton Ave.-----	3,522	.1114	393	.0784	30 85
Dresser St., from Annandale road east -----	1,026	.1114	114	.0784	8 97
Old Beach road, Bellevue Ave. to Rhode Island Ave.-----	5,072	.1114	565	.0784	44 34
Average cost per square yard, .0087.	34,087		3,800		\$298 15

# FIRST CAR OF DUSTOLINE.

First Application, June 7, 1909.

Street or Avenue.	Sq. Yds.	Average Gal. per Sq. Yard	Gals. Used	Cost per Gal. Applied	Total Cost
Old Beach road, Rhode Island Ave. to Gibbs Ave.-----	2,255	.1114	251	.0784	\$19 09
Dresser St. from Cliff Ave. west-----	1,026	.1114	114	.0784	9 04
Red Cross Ave., Old Beach road south (500 feet) -----	2,000	.1114	223	.0784	17 50
Broadway, Bliss road to Newport Ave. -----	2,750	.1114	307	.0784	24 08
Elm St., Cross St. to Fourth St.-----	760	.1114	85	.0784	6 67
Elm St., Second St. to Washington St.-----	600	.1114	67	.0784	5 26
Gould St -----	1,927	.1114	215	.0784	16 87
Congdon Ave. -----	1,365	.1114	152	.0784	11 92
Tilley Avenue -----	1,572	.1114	175	.0784	13 73
	14,255		1,580		\$124 06

Average cost per square yard, .0087.

# FIRST CAR OF DUSTOLINE.

First Application, June 8, 1909.

Street or Avenue.	Sq. Yds.	Average Gal. per Sq. Yard	Gals. Used	Cost per Gal. Applied	Total Cost
Broadway, east half, from Bliss road to Whitehall St.-----	956	.1114	107	.0784	\$8 47

Average cost per square yard, .0088.



FIRST CAR OF DUSTOLINE.  
First Application, June 16, 1909.

Street or Avenue.	Sq. Yds.	Average Gal. per Sq. Yard	Gals. Used	Cost per Gal Applied	Total Cost
Bellevue Ave., Bath road to Bowery St.	3,333	.1114	371	.0784	\$29 17
Average cost per square yard, .0087.					

FIRST CAR OF DUSTOLINE.  
First Application, June 16, 1909.

Street or Avenue.	Sq. Yds.	Average Gal. per Sq. Yard	Gals. Used	Cost per Gal Applied	Total Cost
Bellevue Ave., Bowery St. to Bailey's Beach	33,147	.1006	3,336	.0784	\$285 14
Average cost per square yard, .0086.					

SECOND CAR OF DUSTOLINE.  
First Application, June 17, 1909.

Street or Avenue.	Sq. Yds.	Average Gal. per Sq. Yard	Gals. Used	Cost per Gal Applied	Total Cost
Broadway, Powel Ave. to Equality Park place	6,533	.11	722	.0784	\$56 65
Narragansett Ave., Bellevue Ave. to Spring street	3,556	.11	394	.0784	30 92
Average cost per square yard, .0086.					\$87 57

# SECOND CAR OF DUSTOLINE.

First Application, June 18 and 19, 1900.

Street or Avenue.	Sq. Yds.	Average Gal. per Sq. Yard	Gals. Used	Cost per Gal. Applied	Total Cost
Northam Lane, Thames St. to Rousemainhere Pl. ....	323	.0076	33	.0784	\$2 50
Rousemainhere Place .....	213	.0076	21	.0784	1 65
Whittier Ave., 100 ft., Thames Street, west .....	156	.0076	15	.0784	1 18
Dennis Ave., 100 ft., Thames Street, west .....	133	.0076	13	.0784	1 02
Wilcox Ct., 100 ft., Thames Street, west .....	111	.0076	11	.0784	80
Sherman Wharf, 100 ft., Thames Street, west .....	106	.0076	10	.0784	1 20
Swinbarnes Wharf, 100 ft., Thames Street, west .....	156	.0076	15	.0784	1 18
Champlins Wharf, 100 ft., Thames Street, west .....	111	.0076	11	.0784	80
Bull's Wharf, 100 ft., Thames St. west .....	167	.0076	16	.0784	1 26
Lopez Wharf, 100 ft., Thames St. west .....	178	.0076	17	.0784	1 33
Government Wharf, 100 ft., Thames St. west .....	178	.0076	17	.0784	1 33
Peckham's Wharf, 100 ft., Thames St. west .....	211	.0076	21	.0784	1 65
Market Square, Newnan's Wharf and Ferry Wharf .....	600	.0076	50	.0784	4 03
Bowen's Wharf, 100 ft., Thames St., west .....	211	.0076	21	.0784	1 65
Kinsley's Wharf .....	1,625	.0076	103	.0784	8 08
Sayer's Wharf .....	1,625	.0076	150	.0784	12 47
Scott's Wharf, 100 ft., Thames St. west .....	200	.0076	20	.0784	1 57

**SECOND CAR OF DUSTOLINE.**

First Application, June 18 and 19, 1909.

Street or Avenue	Sq. Yds.	Average Gal. per Sq. Yard	Gals. Used	Cost per Gal. Applied	Total Cost
Commercial Wharf, north and south and between	6,725	.0976	656	.0784	\$51 44
Langley's Wharf, 100 ft., Thames St., west	355	.0976	35	.0784	2 75
Hammett's Wharf, 100 ft., Thames St., west	311	.0976	30	.0784	2 35
Perry Mill Wharf, 100 ft., Thames St., west	366	.0976	36	.0784	2 82
Bailey Court, 100 ft., Thames St., west	189	.0976	19	.0784	1 49
Cottrell's Wharf, 100 ft., Thames St., west	189	.0976	19	.0784	1 49
Taylor Court, 100 ft., Thames St., west	255	.0976	25	.0784	1 96
Brown & Howard's Wharf, 100 ft., Thames St., west	278	.0976	27	.0784	2 12
Lee's Wharf, 100 ft., Thames St., west	278	.0976	27	.0784	2 12
West Howard St., 200 ft., Thames St., west	467	.0976	46	.0784	3 61
Spring Wharf, 200 ft., Thames St., west	622	.0976	61	.0784	4 78
Extension St., Thames St., west, 200 ft.	578	.0976	56	.0784	4 39
Waites Wharf, 200 ft., Thames St., west	489	.0976	48	.0784	3 77
Coddington Wharf, 200 ft., Thames St., west	355	.0976	35	.0784	2 75
Goodwin St., 200 ft., Thames St., west	466	.0976	45	.0784	3 53
Harrington St., 200 ft., Thames St., west	533	.0976	52	.0784	4 08

**SECOND CAR OF DUSTOLINE.**

First Application, June 18 and 19, 1909.

Street or Avenue	Sq. Yds.	Average Gal. per Sq. Yard	Gals. Used	Cost per Gal. Applied	Total Cost
Morton Ave.	4,225	.0976	412	.0784	\$32 30
Cotton Court	360	.0976	35	.0784	2 75
Average cost per square yard, .0076.	22,847		2,232		\$175 07

SECOND CAR OF DUSTVOLINING.  
Second Application, June 10, 1909.

Street or Avenue	Sq. Yds.	Average		Culm. Used	Cost per		Total Cost
		Cul. per Sq. Yrd.	Sq. Yrd.		Cul. Applied	Yd.	
Bellevue Ave., Kay St. to Wheatland Ave., Broadway, One Mile Corner to Bliss road	25,034	.0218		607	.0781		\$20 00
Bath road, Bellevue Ave. to Annandale road	15,000	.0218		307	.0781		\$24 00
	6,500	.0218		100	.0781		12 00
Average cost per square yard, .0018.	46,534			1,014			\$27 00

THIRD CAR OF DUSTVOLINING.  
Third Application, August 4, 1909.

Street or Avenue	Sq. Yds.	Average		Culm. Used	Cost per		Total Cost
		Cul. per Sq. Yrd.	Sq. Yrd.		Cul. Applied	Yd.	
Bellevue Ave., Kay St. to Bailey Bench	10,103	.0408		9,000	.0784		\$700 00
Average cost per square yard, .0039.							

THIRD CAR OF DUSTVOLINING.  
Second Application, August 7, 1909.

Street or Avenue	Sq. Yds.	Average		Culm. Used	Cost per		Total Cost
		Cul. per Sq. Yrd.	Sq. Yrd.		Cul. Applied	Yd.	
Third St., Cypress St. to Bridge St.	5,780	.0803		500	.0784		\$39 28
Average cost per square yard, .0037.							

THIRD CAR OF DUSTOLINE.

Second Application, August 7, 1900.

Street or Avenue	Sq. Yds.	Average Gal. per Sq. Yard	Gals. Used	Cost per Gal. Applied	Total Cost
Bridge Street	2,629	.0986	259	.0784	\$20 35
Elm Street	2,440	.0986	241	.0784	18 93
Average cost per square yard, .0077.	5,069	.0986	500		\$39 28

THIRD CAR OF DUSTOLINE.

Third Application, August 7, 1900.

Street or Avenue	Sq. Yds.	Average Gal. per Sq. Yard	Gals. Used	Cost per Gal. Applied	Total Cost
Bath road, Bellevue Ave. to Cliff Ave.	9,207	.0604	500	.0784	\$39 28
Average cost per square yard, .0047.					

THIRD CAR OF DUSTOLINE.

Third Application, August 9, 1900.

Street or Avenue.	Sq. Yds.	Average Gal. per Sq. Yard	Gals. Used	Cost per Gal. Applied	Total Cost
Broadway, Equality Park Place to One Mile Corner	23,945	.0835	2,000	.0784	\$156 88
Average cost per square yard, .0065.					

THIRD CAR OF DUSTOLINE  
Second Application, August 10, 1900

Street or Avenue	Sq. Yds.	Average		Dusts. Used	Cost per	
		Sq. Yds.	Sq. Yards		Unit Applied	Total Cost
Gould St.	1000	1000	1000	100	0.194	\$19.40
Talley Ave.	1000	1000	1000	100	0.194	19.40
Congdon Ave.	1000	1000	1000	100	0.194	19.40
Average cost per square yard, .0080	1800			900		\$175.20

THIRD CAR OF DUSTOLINE  
Third Application, August 10, 1900

Street or Avenue	Sq. Yds.	Average		Dusts. Used	Cost per	
		Sq. Yds.	Sq. Yards		Unit Applied	Total Cost
Ellice Island Ave. Broadway to Key St.	3000	1000	1000	100	0.194	\$19.40
Average cost per square yard, .0116,						

THIRD CAR OF DUSTOLINE  
Second Application, August 21, 1900

Street or Avenue,	Sq. Yds.	Average		Dusts. Used	Cost per	
		Sq. Yds.	Sq. Yards		Unit Applied	Total Cost
Maple St., Cypress St. to Training Station road	6000	6000	6000	900	0.194	\$175.20
Average cost per square yard, .0034,						

THIRD CAR OF DUSTOLINE.

Fourth Application, August 25, 1909.

Street or Avenue.	Sq. Yds.	Average Gal. per Sq. Yard	Gals. Used	Cost per	
				Gal Applied	Total Cost
Bellevue Ave. (one-fourth of width of roadbed) Kay St. to Wheatland Ave. -----	6,258	.0423	265	.0784	\$20 86
Average cost per square yard, .0033.					

THIRD CAR OF DUSTOLINE.

Fourth Application, October 6, 1909.

Street or Avenue.	Sq. Yds.	Average Gal. per Sq. Yard	Gals. Used	Cost per	
				Gal Applied	Total Cost
Broadway, Equality Park Place to Bedlow Ave.-----	18,945	.0184	350	.0784	\$27 52
Average cost per square yard, .0014.					

THIRD CAR OF DUSTOLINE.

Fifth Application, October 6, 1909.

Street or Avenue.	Sq. Yds.	Average Gal. per Sq. Yard	Gals. Used	Cost per	
				Gal Applied	Total Cost
Bellevue Ave., Kay St., to Narragansett Ave. -----	14,376	.0521	750	.0784	\$58 88
Average cost per square yard, .0040.					

**Applying Glutrin.**

The Robeson Process Company of New York being anxious for this city to try their dustlaying material called Glutrin, sent their representative, Mr. Rufus H. King to Newport, and authorized him to make a proposition to this department, to the effect, that they would furnish the City of Newport with sufficient glutrin (28 barrels) to treat one-half mile of 16 ft. roadbed, equal to 4,582 sq. yds. of surface, for the sum of seventy-five (\$75.00) dollars, the material to be delivered F. O. B. Newport, providing, however, that the City would apply the glutrin as an experiment; they also agreed to send their representative to superintend the work; this price that they submitted being about one-half of the regular price of the material.

They said they made this low price in the nature of an experiment, and to introduce their product.

I placed the matter before the Board of Aldermen and they authorized me to accept the proposition.

On May 13th we applied the material (which is diluted with 50% water) to the roadbeds of the following streets, under the direction of their representative, Mr. Rufus H. King:

	Sq. Yds.	Cost.
Marlborough Street .....	1908.66	\$30.54
West Marlborough Street .....	1905	30.50
Broadway, from mile corner-west for a distance of 400 feet .....	1955.55	31.33
Total .....	5769.76	\$92.37

Making an average cost of .016 per sq. yd.

One barrel of the glutrin leaked out in transportation, the cost of which was deducted from the bill, making the net cost of the material to the city, \$72.32, cost of applying \$20.05, total cost \$92.37

We gave the material a good fair trial, but the result was far from satisfactory from a dustlaying standpoint, the roadbeds very soon became dusty and we were obliged to commence watering them on May 26th, just 13 days after the material was applied.

On July 24th, the Robeson Process Company sent to the department, free gratis, 18 barrels of what they claimed to be a better grade of Glutrin, to experiment with as a roadbinder. We have used 11 barrels of this material on Lucas Avenue and Sunshine Court, and up to the present time it has given fair satisfaction.

**Texas Oil.**

The Texas Oil Company of Providence, R. I., on June 11th shipped to this department, free gratis, four barrels of Texas Road Oil, with the request that we give the material a trial as a dustlayer.

We applied the Texas Road Oil to part of the roadbed of Carroll



avenue between Thames street and Harrison avenue, 203 gallons of the oil was used in the application and we commenced to water this piece of roadbed on July 13th, just 21 days after the material was applied. This Texas Road Oil does not give very good satisfaction because the life of the material is too short, and furthermore it has a very strong disagreeable odor.

#### Quarry and Crusher.

The work of quarrying and crushing stone commenced on the 15th day of March and continued until the 16th day of October. The Weigher was continued at work until November 4th, when the plant was closed down for the winter.

The amount of stone quarried and crushed during the season is as follows, viz; ledge stone, 19 tons; crushed stone, 8,548 tons; making a total production of 8,567 tons.

The cost of quarrying and crushing stone this year was \$1,121 per ton, which is \$0.138 more per ton, than last year.

This increase in cost is accounted for, to a certain extent, by the half-holiday, which was granted to the employes of this department, which amounted to \$624.21, and also the extra cost of uncovering the ledge preparing for quarrying, which amounted to about \$300.00 deducting these extra expenses from the total cost of the production and it would reduce the cost to about \$1.013 per ton. A new smokestack was placed at the Crusher on July 1st, at a cost of \$71.62, which was paid from the emergency fund.

#### Steam Road Rollers.

The re-macadamizing and re-surfacing of streets commenced on the 30th day of March and continued until the 4th day of November, when the work was shut down because the appropriation for this purpose was all expended.

Steam Roller No. 3 was retired on the 19th day of October and Steam Rollers Nos. 1 and 2 were retired on November 4th.

The two steam road rollers purchased in 1903 and 1905 will need new road rollers, which will have to be furnished by the Buffalo Steam Roller Company in accordance with their contract agreement, whereby they agree to furnish new road rollers if they show 80% of wear in seven years.

The roller purchased in 1905 will also need new steering wheels.

The steam road roller which was purchased in 1900 will need road rollers, steering wheels and a general overhauling. This will necessitate quite a large expenditure, and then you would have an old machine. I think it would be wise to purchase a new up-to-date steam roller and exchange the old roller in part payment of same.

**Tarvia X-5 & X 7.**

This material formerly called Tarvia "A" has again been applied this year because of the excellent results that was derived from its use last season. This tarvia is heated before applying and is used in this instance, for the quarters of roadbeds to keep the same in place and prevent washouts during heavy rain falls.

The total cost of applying the material this year was \$701.36, and we covered an area of 2,986.4 square yards, at an average cost of .235 per square yard.

The following is a list of streets, the quarters of the roadbeds of which were treated with tarvia X-5 & X-7, viz:

	Length.	Width.	Sq. Yds.	Cost.
Ann Street .....	918 ft. x 2 ft.		204.0	\$ 47.90
Bowery Street .....	1,336 ft. x 2 ft.		296.8	69.68
Denniston Street .....	982 ft. x 2 ft.		218.2	51.22
Fair Street .....	910 ft. x 2 ft.		202.2	47.47
John Street .....	2,630 ft. x 2 ft.		584.4	137.28
Pelham Street .....	3,300 ft. x 2 ft.		733.3	172.23
Prospect Hill Street .....	3,364 ft. x 2 ft.		747.5	174.58
<hr/>				
Total .....	13,440 ft. x 2 ft.		2,986.0	\$701.36
Kinsley's Wharf .....	479 ft x 2 ft.		106.4	\$14.19

**Bull Street Tarvia.**

Bull Street was resurfaced again this year with tarvia X-7 at an expense of \$121.31, or an average cost of .056 per square yard.

**Tarvia "B".**

Tarvia "B" was again used this year very successfully. This material is applied cold and with the ordinary watering cart. The roadbed is first swept clean, the material is then applied and covered with a light coat of coarse sand. Tarvia "B" has proved itself to be an excellent dustlayer and a preserver of macadam roadbeds, and I recommend a continuance of its use, especially upon our steep grade streets, because it is not slippery like tarvia X-5 or X-7.

The total cost of applying the material this year was \$310.13 and about 9,370.5 square yards of surface was covered, at an average cost of .033 per square yard.

The following is a complete list of streets which were treated with tarvia "B", this year, viz:

	Length.	Width.	Sq. Yds.	Cost.
Ayrault St. (Broadway to Kay) ..	1,180 ft. x 22 ft.		2,884.4	\$95.47
Carey Street .....	857 ft. x 20 ft.		1,904.4	63.03
Mann Avenue .....	1,026 ft. x 21 ft.		2,394.0	79.24
Webster St. (Thames to Spring) ..	895 ft. x 22 ft.		2,187.7	72.39
<hr/>				
Total .....	3,958		9,370.5	\$310.13



**Tarvia-Macadam.**

Owing to the success we have realized this year from the building of the Tarvia-Macadam roadbed of Coggeshall avenue, I would recommend that we abolish the building of any more macadam roadbeds unless Tarvia, or its equal, be used in the construction of same.

My reason for advocating the Tarvia-Macadam roadbed, is, because it has been clearly demonstrated by the short life of our roads, that we must provide a roadbed with a surface of sufficient hard and elastic finish to resist the effect of speeding automobiles, the traffic of which are so damaging to our macadam roadbeds, that the increasing cost of maintenance is quite a serious question.

Tarvia-Macadam roadbeds can be built at about the same cost as plain macadam, and its wearing qualities is far superior, furthermore, when in need of repairs, the cost would be much less expensive.

**Automobiles.**

[Relative to this subject, I would call your attention to the fact, that the State of Rhode Island enforces and collects a tax upon all automobiles which are operated over the streets and highways of said state, including of course, the City of Newport, but no part of this revenue is paid to the city of Newport to reimburse said city for the serious damage which is continually being done to the macadam roadbeds by the automobiles.

In my opinion, the State of Rhode Island should return a certain percentage of the revenue so collected from the automobiles which are taxed in this city, and the said revenue to be deposited with the City Treasurer to the credit of the street and highway department toward the maintenance of our roadbeds.

I would also recommend that a toll tax be enforced upon all automobiles which enter our city from outside the state.

Toll stations to be located at the mile corner and other parts of the city where outside automobiles enter.

This revenue to also be deposited with the City Treasurer to the credit of the Street and Highway Department.

**Streets Re-Macadamized.**

The following streets have been re-macadamized this year and full statistics of same will be found in another part of this report; Bath Road; Bellevue Avenue, from Coggeshall Avenue to Ledge Road; Cottage Street; DeBlois Street; Division Street; Extension Street; Kinsley's Wharf; Lee Avenue; Lucas Avenue; Ruggles Avenue, from Drexel Estate to Wetmore Avenue; and Wesley Street; Warner Street, from Pond Avenue to Dartmouth Street.

**Streets Re-Surfaced and Rolled.**

The following streets have been re-surfaced and rolled and full statistics of same will be found in another part of this report; Bellevue Avenue, from Ledge Road—east to Turn; Bellevue Avenue, from Mill Street—south; Broadway; Coddington Street; Dixon Street; Hammond Street; School Street, from Touro to Mary Street; Washington Street, from Marsh Street—south and West Narragansett Avenue, from Thames to Marchant Street.

**Bailey's Beach Watering Station.**

At a meeting of the Board of Aldermen, held December 30th, 1908 I was instructed by vote of this Honorable Body, to remove the Wind Mill, etc., from Bailey's Beach and collect the sum of \$25.00 from the Spouting Rock Beach Association toward the expense thereof; which amount has been paid by said association and deposited with the City Treasurer to the credit of the appropriation.

The wind mill, etc., was removed and is now stored at the City Yard. The cost of removal was \$50.83; deduction of the amount of \$25.00 which was donated by the Spouting Rock Beach Association, leaves the net cost to the city \$25.83.

We are sadly in need of a Salt Water Station in the vicinity of Bailey's Beach. The nearby roadbeds have suffered severely during the past two seasons from the non-use of salt water.

I earnestly hope that some provision will be made to locate a pumping station at some nearby point, and have the same in operation for next seasons watering.

**Repairs to Broadway and Spring Street Bitulithic Pavement.**

On April 27th, your Honorable Body wisely made an appropriation of \$8,000.00 for the repairs of the Bitulithic Pavement of Broadway and Spring Street. Although I had estimates from Warren Brothers Company of Boston, Mass., and The Whitehouse Pavement Company of Providence, R. I., both quoting the same price of fifty cents per square yard for the resurfacing of these pavements, I was very sure and confident that this department had employees fully capable and competent to perform this kind of work, and also at a much lower cost. The following detail report will emphasize the fact that I was not mistaken in my judgment.

The average cost per square yard was 15 cents, which is 35 cents less than the price quoted by the above mentioned contractors.

Appropriation, \$8,000.00; expenditure \$2,910.17, making a saving of \$5,089.83.

Of the above cost the two Railway companies re-imbursed the city as follows, viz: Newport & Providence Railway Company, \$187.03; Old Colony Street Railway Company, \$229.87; a total of

\$416.90 which deducted from the total cost, leaves the actual cost to the city, only \$3,483.27.

I respectfully submit the following report:

**Receipts.**

Appropriation .....	\$8,000.00
Received of Old Colony Street Railway Company .....	229.87
Received of Newport & Providence Railway Company ....	187.03

\$8,416.90

**Disbursements.**

By paid for labor .....	\$1,145.71
By paid for materials .....	\$1,764.46
By balance unexpended .....	5,506.73

\$8,416.90

The following is a detailed report of the expenditures:

Labor, as per pay-rolls .....	\$1,141.76
156½ bbls. Tarvia at \$4.00 .....	\$626.00
20 bbls. Tarvia at \$4.25 .....	85.00
Freight on same .....	123.73

\$834.73

Less credit as follows:

Empty bbls. returned at 65c. ....	\$114.68
Less freight on same .....	22.50

\$92.18

Net cost of Tarvia .....	742.55
317-860 tons Trap rock .....	634.86
12-1590 tons Crushed Stone .....	13.55
30 days Use of Steam Road Roller .....	150.00
5¼ days Permanent Teamsters (stable acc.) .....	12.19
Fuel .....	54.15
One Tar Kettle .....	\$130.00
Freight on same .....	3.00

Total cost of Tar Kettle .....	133.00
Shop tools, brooms, kerosene, and other incidentals .....	28.11

\$2,910.17

Cost Statement of area of both pavements, as per measurements of the City Engineer:

Broadway, 7541 1-3 sq. yds. at 16 7-10 .....	\$1,260.98
Spring Street, 12023 sq. yds. at 13 7-10 .....	1,649.19

\$2,910.17

**DETAIL EXPENDITURE OF BROADWAY AND SPRING STREET  
BITULITHIC PAVEMENT REPAIRS.**

1 William B. Scott & Co., Stable Brooms, etc. ....	\$1.57
2 G. H. Bloom, iron, etc. ....	2.05
3 Charles H. Goddard, iron .....	.80
4 Newport Gas Light Co., coke .....	.90
5 N. Y., N. H. & H. R. R. Co., freight .....	47.72



6	J Stacy Brown, stone .....	.76
7	Perrin, Seaman & Co., tar kettle .....	130.00
8	N. Y., N. H. & H. R. R. Co., freight .....	3.00
9	J. D. Johnston, lumber .....	1.84
10	William B. Scott & Co., stable brooms .....	1.50
11	C. F. D. Fayerweather, rep. tar kettle .....	2.00
12	E. S. Peckham, fuel .....	18.52
13	Newport Foundry & Machine Corp., making nipple ....	.35
14	G. H. Bloom, sharpening tools .....	.50
15	J. J. Connell, kerosene .....	7.50
16	George A. Weaver Co., extinguishers .....	7.00
17	Wm. B. Scott & Co., stable brooms .....	3.00
18	E. S. Peckham, fuel .....	34.73
19	Tarvia, Use of Steam Roller, etc. ....	1481.97
20	Tarvia .....	22.70
—	Pay Rolls .....	1141.76

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\$2910.17

#### GIBBS AVENUE, BLISS ROAD, KAY STREET SEWERAGE SYSTEM.

I would respectfully call the attention of your Honorable Body, to the necessary sewerage facilities which is sadly needed in that section of the city, bounded as follows, viz.: All of that territory east of irregular line drawn from a point midway between Channing and Gibbs Avenue and Bath Road; thence to the corner of Powel Avenue and Kay Street; thence to the corner of Bliss Road and Whitehall Street; thence to the head of Almy Court to the City Line.

For over six years this matter at various times has been brought to the attention of the City Council. Recommendations, plans, and estimates have been submitted for both the Pumping Station and Tunnel systems, but as yet no permanent action has been taken to relieve the existing unsanitary and unhealthful conditions of this section of our city, owing no doubt to the expensive outlay that would be necessary if either of the above systems were adopted.

As an economical way out of the difficulty, I would suggest that a large reservoir of 30,000 gallons capacity be built at the corner of Gibbs Avenue and Eustis Avenue to receive the sewerage from pipe laterals to be built from time to time. The purchase of a team of horses, a Tank Wagon of ~~60~~ 600 gallons capacity, equipped with a gasoline engine and pump.

The sewerage to be pumped out daily from this reservoir and carted to the Settling Tank located on Briggs Wharf; at least four loads would be carted each day, making a total of 2,400 gallons of sewerage which would be removed daily, and I am quite certain that this would be sufficient to relieve the capacity of the reservoir.

## EASTON'S BEACH.

During the summer and early fall, a man is constantly employed clearing up the roadway, mowing the grass plot, etc., at Easton's Beach. The iron fence has been thoroughly scraped and repainted. The total expenditure this year being \$336.08.

## FORTY STEPS.

Painting and minor repairs were made to the Forty Steps this year, at an expense of \$32.20.

## VAN ZANDT AVENUE PIER.

The Pier at the end of Van Zandt Avenue is in a dangerous condition and will need extensive repairs early next season to make it safe for the public.

This department has temporarily repaired and made the pier safe for the present. Cannot say how long it will remain secure, as this pier is subject to severe strain during stormy weather.

## ANN STREET PIER.

Besides a few repairs to the pier, a new granolithic walk has been laid from Thames Street to the pier, at an expense of \$153.60. I would recommend that the necessary repairs be made to this pier early next spring.

## ELM STREET PIER.

A few repairs were made to Elm Street Pier this year, at an expense of \$1.25.

## WILLOW STREET BROW.

The planking at Willow Street Brow was renewed this past season, at an expense of \$29.89.

## VAN ZANDT AVENUE BRIDGE.

The planking of this bridge has been repaired from time to time during the past few years, until it has now reached that condition where patching is non-sufficient. I therefore recommend that Van Zandt Avenue Bridge be replanked as soon as possible to make it safe for public travel.

## REMOVAL AND TRIMMING OF TREES.

Directed by vote of the Board of Aldermen, this department caused the tree at the corner of Mary Street and Birkhead Place, cut down and removed, at an expense of \$35.00.

Trees on Marchant and Park Streets, Greenough Place, and East Bowery Street, blown down by heavy wind storms, were re-

moved by the employees of this department, the total cost this year for this work was \$84.62.

#### SPRAYING TREES.

Co-operating with the State Board of Agriculture, this department assisted in the spraying of the trees to exterminate the Gipsy moth and Elm beetle. The State Board furnished all the material, apparatus, and the superintendent of this department, two men, horse and cart. The Park Commission reimbursed this department to the amount of \$55.13, which was the cost of spraying the trees in the parks. One-half of the sum collected from private parties by Supt. E. R. Anthony, amounting to \$19.22, was paid to this department, the balance was paid into the State Treasury.

Total expense, \$118.13; deducting the amounts received from the Park Commission and private parties, leaves the net cost to this department of \$43.78.

The extermination of this annual pest is beginning to be a very serious question, and I would recommend that an appropriation be made next year of \$200.00 for this purpose.

#### EASTON'S BEACH BRIDGE.

I again recommend that a substantial bridge be built to replace the present dangerous affair.

I understand that your special committee of the council had plans and estimates prepared for the erection of a concrete bridge at this point, but the committee could not make any satisfactory arrangements with the Town of Middletown.

#### WATER WORKS ROAD BRIDGE.

Owing to the heavy traffic this bridge receives, more or less repairs are necessary every year. \$34.69 was spent this year for repairs to this bridge.

#### GOOSENECK BRIDGE, OCEAN AVENUE.

The rip-rap wall of this bridge was repaired this season, at an expense of \$47.10.

#### LONG WHARF WALL.

The wharf wall of Long Wharf was repaired last spring, at an expense of \$109.24.

#### BRIGGS WHARF WALL.

A few necessary repairs was made to the wharf wall of Briggs Wharf at an expense of \$5.59.



## WALNUT STREET SEA WALL.

Repairs were made during the past season to this sea wall, at an expenditure of \$55.04.

## FORT GREENE SEA WALL.

The Sea Wall at Fort Greene has been repointed, at an expense of \$155.75, which amount was reimbursed to the department by the Park Commission.

## OCEAN AVENUE SEA WALL.

The building of this sea wall was commenced so late last year that we were unable to complete the work and the balance of the appropriation amounting to \$475.39 was re-appropriated this year.

We found that this amount was hardly sufficient to complete the work, and we were therefore obliged to draw on the emergency fund to the amount of \$21.91, making the total cost 497.30.

It was also found necessary to make a proper footing for this sea wall to protect it from the heavy surf, which is very destructive at this point. The expenditure was \$190.09, which was paid from the emergency fund.

I would call your attention to the fact, that a low wall will have to be built from a point at Graves Point Club House to Outlet of the Golf Club Grounds. We were obliged to make repairs at this point several times during the past season, where the sea had washed the roadway during stormy weather.

## NEW WORK.

## COGGESHALL AVENUE—TARVIA-MACADAM.

When the estimate of \$5,000.00 was submitted for the macadamizing of Coggeshall Avenue, only about one-half of the total length of the avenue from Ruggles Avenue-south was considered, but having realized very favorable results last season from applying a binding material called tarvia to the quarters of roadbeds of several streets it came to my mind, that this would be an excellent opportunity to try the true worth of this material in the building of macadamize roadbeds. Upon my invitation, Mr. A. B. Cowdery, a representative of the Barrett Manufacturing Company of Boston, Mass., came to Newport, and together we went over the Coggeshall Avenue proposition.

Mr. Cowdery is an expert authority upon the building of Tarvia-Macadam roadbeds and he gave me many valuable suggestions relative to this kind of roadbuilding.

After carefully estimating the proposition he was confident that not only part of, but that all of the roadbed of Coggeshall Avenue

from Ruggles Avenue-south, could be completed with the tarvia process within the appropriation of \$5,000.00.

After provident meditation of Mr. Cowdery's recommendations, which he presented to me in such a feasible and convincing manner, and also taking into consideration the fact that the whole length of the avenue could be completed within the appropriation, which surely would be for the best interests of the city, I decided to lay a tarvia-macadam roadbed on Coggeshall Avenue instead of the plain macadam, which was first determined.

It gives me pleasure to say, that with the efficient labor of the employees of the department, we not only completed the whole of the roadbed, but we paid for the turnpiking and grading, amounting to \$313.13 and purchase of one tar kettle costing \$132.96, within the amount of the appropriation, leaving a balance of \$9.12.

One Catch-basin and four eye-holes were built and paid from the regular appropriation (g), at an expense of \$139.23.

A sidewalk with grass border was built for the whole length on the west side of the avenue, and paid for from the regular appropriation (f), at an expense of \$455.70.

Mr. Pembroke Jones gave a portion of land to straighten the roadway in front of his estate.

The following is a detailed account of the disbursements, viz.:

Receipts.	
To Appropriation .....	\$5,000.00
Disbursements.	
By paid for labor .....	\$1,514.98
By paid for materials .....	3,475.90
By balance unexpended .....	9.12
	<hr/>
	\$5,000.00
Detail of Expenditures.	
Labor, as per pay-rolls:	
Turnpiking and grading .....	\$313.13
Labor laying tarvia-macadam .....	892.35
	<hr/>
	\$1,205.48
1692-1390 tons Crushed stone .....	\$2,007.58
40- 960 tons Trap Rock .....	58.28
Paid etg. of Cr. Stone and Trap Rock .....	694.89
	<hr/>
	2,760.75
59½ days Use Steam Rollers .....	188.22
153½ bbls. Tarvia X-5 and X-7 .....	627.87
One tar kettle on wheels .....	\$130.00
Freight on tar kettle .....	2.96
	<hr/>
	132.96
Fuel .....	27.78
6% days Teamsters, Stable acc. ....	13.45
Pails, dippers, kerosene and other incidentals .....	34.37
	<hr/>
	\$4,990.88



Total area of Tarvia-Macadam at .429 (10,886 sq yds.) ....	4,677.75
Total area of Turnpiking at .029 (10,886 sq. yds.) .....	313.13

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\$4,990.88

## PRAIRIE AVENUE MACADAM.

## CATHERINE TO CHAMPLIN STREET.

This work, which was commenced in July, was postponed until the month of September, owing to the illness of one of the nearby summer residents. The turnpiking and grading of this piece of roadway was found to be very expensive, and we were unable to complete the work without exceeding the appropriation; therefore, only part of the roadway was completed for a distance of 300 feet. Appropriation, \$650.00; expenditure, \$624.41; leaving a balance of \$7.59.

I would recommend that an appropriation of \$700.00 be made next year to complete this work.

## PETZKA COURT MACADAM.

Petzka Court was macadamized at a much reduced cost than was anticipated. Appropriation, \$500.00; expenditure, \$151.02; leaving a balance of \$348.98.

## MEIKLE AVENUE MACADAM.

Meikle Avenue for a distance of 300 feet from Norton Avenue-south was macadamized. Appropriation, \$500.00; expenditure, \$321.56; leaving a balance of \$178.44.

## LA SALLE PLACE MACADAM.

La Salle Place was turnpiked, graded and macadamized. Appropriation, \$400.00; expenditure, \$277.52; leaving a balance of \$122.32.

## SUNSHINE COURT MACADAM.

Sunshine Court was turnpiked, graded and macadamized. Appropriation, \$400.00; expenditure, \$180.52; leaving a balance of \$219.48.

## RECORD STREET MACADAM.

Record Street was turnpiked, graded and macadamized. Appropriation, \$400.00; expenditure, \$356.53; leaving a balance of \$43.77.

## EXTENSION STREET IMPROVEMENT.

That part of Extension Street that was extended to Spring Street last year, has received a curb on the south side and flag and gutter on the north side, to conform with the other part of the street.

Having the curb, flagstone and culls in stock, we were able to finish the work within the appropriation. Appropriation, \$500.00; expenditure, \$468.69; leaving a balance of \$31.31.

## HEATH STREET MACADAM.

Heath Street was turnpiked, graded and macadamized. Appropriation, \$500.00; expenditure, \$466.62; leaving a balance of \$33.38.

## ROBINSON STREET MACADAM.

Robinson Street was turnpiked, graded and macadamized. Appropriation, \$500.00; expenditure, \$491.12; leaving a balance of \$8.88.

## RUSSELL AVENUE MACADAM.

Russell Avenue was turnpiked, graded and macadamized. Appropriation, \$1,000.00; expenditure, \$954.34; leaving a balance of \$45.66.

## RHODE ISLAND AVENUE MACADAM.

## BATH ROAD-NORTH.

Rhode Island Avenue from Bath Road-north, for a distance of 945 feet has been macadamized. It was found necessary to draw on the emergency fund to the amount of \$146.16 to complete this piece of work and leave the roadbed in proper condition. Appropriation, \$675.00; expenditure, \$821.16.

## THIRD STREET CINDER WALK.

In accordance with the resolution of your Honorable Body, passed on November 8th, this department has laid a cinder walk with a grass border, on the west side of Third Street from Cypress Street-north for a distance of 2,563 feet. Appropriation, \$400.00; expenditure, \$335.74; balance unexpended, \$64.26.

The Training Station kindly furnished fifty double loads of cinders towards the building of this walk, which was quite a saving to the city.

STATEMENT OF STONE QUARRIED AND CRUSHED  
DURING THE YEAR 1909.

	Ledge Tons.	Crushed Tons.
Repairing sewers .....	2	
General repairs and patching streets .....		302
General repairs to sidewalks .....		10
Broadway ....		928
Ocean Avenue .....		167
Thurston Avenue .....		12
Pelham Street .....		58
Ridge Road .....		10
Touro Street .....		3
Bellevue Avenue .....		370
Ann Street Pier .....		10
Carrol Avenue sidewalk .....		5
Coggeshall Avenue sidewalk and eye-holes ..	1	32

# REPORT OF STREET COMMISSIONER

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Wheatland Avenue sidewalk .....		8
Harrison Avenue .....		58
Bath Road .....		403
School Street .....		49
West Narragansett Avenue .....		59
Quarters of roadbeds .....		48
Coddington Street .....		50
Hammond Street .....		19
Dixon. Street .....		35
Washington Street .....		93
Ruggles Avenue .....		389
Lucas Avenue .....		121
Wesley Street .....		113
Lee Avenue .....		341
Division Street .....		182
Extension Street .....		95
Kinsley's Wharf .....		76
Cottage Street .....		93
DeBlois Street .....		142
Warner Street .....		318
Birkhead Driveway .....		1
Green Place Driveway .....		4
Walnut Street Sea Wall .....	6	
Long Wharf Wall .....	6	
Ocean Ave Wall, opposite Davis Est. ....	2	
City Stable repairs .....		1
Charge to abutters .....		1
Ocean Avenue, footing for sea wall .....		19
Extension Street Improvement .....	2	
Coggeshall Avenue, tarvia-macadam .....		1,693
La Salle Place .....		98
Petzka Court .....		55
Meikle Avenue .....		133
Sunshine Court .....		62
Record Street .....		104
Heath Street .....		166
Robinson Street .....		191
Rhode Island Avenue .....		374
Prairie Avenue .....		228
Russell Avenue .....		327
Broadway & Spring Street Pavement .....		12
Crusher, on hand December 18, 1909 .....		606
City Yard, on hand December 18th, 1909 .....		43
	19	8,717
City Yard, on hand December 19th, 1908 ....		143
From Crusher during the year 1909 .....	19	7,941
Purchased .....		27
On hand at Quarry, December 18, 1909 .....		606
....	19	8,717

## STATEMENT OF TRAP ROCK.

	Tons.	Lbs.
General repairs and patching streets .....	673	1450
Broadway .....	24	1790
Cedar Avenue .....	33	1580
Ridge Road .....	2	900
Harrison Avenue .....	6	1860
Town Street .....	45	960
Bellevue Avenue .....	429	750
Quarters of Firemen .....	51	490
Bill Street Tertia .....	14	450
Bath Road .....	74	650
Walter Street .....	14	920
Snow and Ice .....	70	180
Congress Avenue Tertia-Macalan .....	40	960
Russell Avenue .....	3	600
Broadway Driveway Pavement .....	137	1930
Spring Street Driveway Pavement .....	179	930
City Yard on land December 15th 1899 .....	230	700
Total amount purchased .....	2032	1100

Following will be found the usual tables giving in detail the account of operations and expenditures of the department during the year.

Respectfully submitted.

J. K. SULLIVAN, Street Commissioner.

## SEWER PERMITS.

During the year 79 permits to connect with sewers were issued, making a total to date of 1317 since the system was adopted in 1884.

The number and description of fixtures connected were as follows:

	Previously reported.	1909.	Total.
Water closets .....	3,393	101	3,494
Laundry tubs .....	1,643	76	1,719
Sinks .....	4,244	75	4,319
Bath tubs .....	1,611	61	1,672
Cellar drains .....	1,518	36	1,554
Bowls .....	355	51	406
Land drains .....	110	1	111
Roofs .....	714	43	757
Furnace pits .....	4	—	4
Stable fixtures .....	48	3	51
Families accommodated .....	4,228	86	4,314
Persons accommodated .....	5,471	258	5,729

In accordance with instructions from the Honorable Board of Aldermen, the following sewers were extended this year, viz.:

Morton Avenue, Spring Street west...	406ft. of 10-inch pipe..	\$368.66
Spring Street, Morton Ave. north...	118ft. of 8-inch pipe..	97.22
Washington Street Extension .....	131ft. of 8-inch pipe..	86.70

# REPORT OF STREET COMMISSIONER

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Third Street, Cypress St.-north ....	86ft. of 8-inch pipe..	64.84
Battery Park, drain for fountain ..	50ft. of 3in. iron pipe..	14.06
	<u>791ft.</u>	<u>\$631.48</u>

## MAN HOLES BUILT.

King Park .....	\$36.85
Carey Street (two) .....	61.02
	<u>\$97.87</u>

## CATCH BASINS REPAIRED.

Bachelor Street .....	1
Bateman Avenue at "Vanderbilt's" .....	1
Bellevue Avenue at Catherine Street .....	1
Broadway, at Cranston Avenue .....	1
Broadway, at Gould Street .....	1
Catherine Street, opp. Cottage Street .....	1
Church Street, at Spring Street (north side) .....	1
Church Street, at Spring Street (south side) .....	1
Grafton Street .....	1
John Street, at Spring Street (south side) .....	1
Kay Street, at Brinley Street .....	1
Kay Street, at Brinley Street .....	1
Marchant Street .....	1
Mary Street, at Spring Street .....	1
Middleton Avenue, at Berkeley Avenue .....	1
Narragansett Avenue, at Dullen Estate .....	2
Newport Avenue, at Warner Street .....	1
Rhode Island Avenue .....	1
Ruggles Avenue, at Lawrence Avenue .....	1
Second Street, at Bridge Street .....	1
Spring Street, at Mill Street (north side) .....	1
Thames Street, at Waites Wharf .....	1
Third Street, at Marsh Street .....	1
West Broadway, at Caleb Earl Street .....	1
William Street (between Spring Street & Thames Street) ....	1
Total .....	<u>26</u>

## EYE-HOLES REPAIRED.

Annandale Road .....	1
Ayrault Street, at Broadway .....	1
Bath Road, at Chandler Estate .....	1
Chapel Street .....	1
Everett Street, at Kay Street .....	1
Friendship Street, at Hope Street .....	1
Houston Avenue at Wellington Avenue .....	1
Lawrence Avenue, at Ruggles Avenue .....	2
Ochre Point Avenue, at Ruggles Avenue .....	1
Ruggles Avenue, at Ochre Point Avenue .....	1
Ruggles Avenue, at Wetmore Avenue .....	1
Simmons Street .....	1
Spring Street, at King Estate .....	1

Webster Street, at Lawrence Avenue .....	1
Willow Street, at Cherry Street .....	1
Total .....	16

## SEWERS REPAIRED.

Broadway, at Stone Street  
Bowery Street, near King Street  
Harrington Street, at Thames Street  
Levin Street

## CULVERTS REPAIRED.

Carroll Avenue, at Bateman Avenue  
Carroll Avenue, near Thames Street  
Coggeshall Avenue  
Eustis Avenue  
Eustis Avenue, at Old Beach Road  
Eustis Avenue, at Water Works  
Malbone Avenue  
Morton Avenue  
Ocean Avenue  
Washington Street



# PERMITS FOR STREET AND SIDEWALK OPENINGS, ETC.

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Totals
Laying gas services -----		1	4	2	3	4	10	5	6	8	5		64
Laying gas mains -----	1			1		1	1				1		6
Extending gas mains -----					1	1		1					3
Repairing gas mains -----								3	1			1	6
Repairing gas services -----	2							5	3	1	2		13
Placing gas lamps -----				2	1	2		1	1	2		1	11
Changing location of gas lamps -----			1	1		4		2					8
Repairing gas lamps -----			1	1		1			1				3
Electric conduits -----			1	1	1	1	1			1			6
Electric light repairs -----				1									1
Telephone conduits -----	4												4
Laying street railway tracks -----					1								1
Repairing street railway tracks -----									1	2		1	4
Track drain -----				2									2
Repairing railroad bridge -----										1			1
Clearing drains -----				1	1	1	1	1				1	6
Repairing and relaying sewers -----	1		2		3	1	2	2					12
Laying granolithic sidewalks -----					1	1							2
Sidewalk light -----											1		1
Use of sidewalk for building -----		1		1	1	1			1				6
Laying driveways -----									1				1
	8	2	11	12	12	18	12	20	14	17	9	6	141

## STREETS TURNPIKED.

Street or Avenue.	Length feet	Width feet	Square Yards	Average per Sq. Yd.	Total Cost
Congress Hall Avenue, Ruggles Avenue, south	21,200	23	10,800.0	.020	913.13
Heath Street	507	18	1,127.3	.040	60.18
LaSalle Place	354	15	500.0	.048	28.50
Pearl Street	204	12	272.0	.064	17.70
Prairie Avenue	603	32	2,357.3	.034	100.88
Record Street	215	24	518.3	.102	80.15
Robinson Street	304	22	800.3	.052	60.32
Russell Avenue	216	12	288.0	.031	8.88
Stewart Street	346	12	408.0	.043	20.07
Sunshine Court	843	24	2,218.0	.030	155.73
	95,079		10,004.8	.045	880.58

## STREETS MACADAMIZED (NEW WORK).

Street or Avenue.	Tons Trap Rock	Tons Cr. Stone	Days Steam Roller	Avg. Depth Work	Length feet	Width feet	Sq. Yds.	Cost per sq.yd.	Cost Macadam	Cost Turn- pike	Total Cost
Heath Street -----		166	13	4 in.	597	18	1104.0	.344	410.44	56.18	466.62
LaSalle Place -----		98	7	4 in.	354	15	500.0	.422	240.00	28.59	277.08
Meikle Avenue -----		133	4½	4 in.	419	23	1070.7	.300	321.56		321.56
Petzka Court -----		55	3½	2 in.	300	16	533.3	.300	151.02		151.02
Prairie Avenue -----		228	11	6 in.	300	32	1066.6	.464	492.53	149.88	642.41
Record Street -----		104	7½	5 in.	235	21	548.3	.487	267.08	89.15	356.23
Rhode Island Avenue -----		374	17	6 in.	945	18	1800.0	.433	821.16		821.16
Robinson Street -----		191	13	5 in.	364	22	880.7	.500	444.80	46.32	491.12
Russell Avenue -----	3	327	20	4 in.	843	24	2248.0	.355	798.61	155.73	954.34
Sunshine Court -----		62	4½	4 in.	336	12	448.0	.356	159.55	20.97	180.25
	3	1738	101		4693		10478.6	.40	4115.84	546.82	\$4693.36

## TARVIA-MACADAM.

Street or Avenue.	Tons Trap Rock	Tons Cr. Stone	Days Steam Roller	Avg. Depth Work	Length feet	Width feet	Sq. Yds.	Cost per sq.yd.	Cost Macadam	Cost Turn- pike	Total Cost
Coggeshall Avenue, Ruggles Avenue, south -----	40	1693	59½	6 in.	4260	24	10866.6	.429	4677.75	313.13	\$4990.18

## STREETS TURNPIKED.

Street or Avenue.	Length feet	Width feet	Square Yards	Av. cost per Sq. Yd.	Total Cost
Coggeshall Avenue, Ruggles Avenue, south	21,260	23	10,886.6	.020	313.13
Heath Street	597	18	1,127.3	.049	56.18
LaSalle Place	354	15	590.0	.048	28.59
Pearl Street	204	12	272.0	.064	17.75
Prairie Avenue	663	32	2,357.3	.063	149.88
Record Street	215	21	548.3	.102	80.15
Robinson Street	364	22	869.3	.052	46.32
Russell Avenue	216	12	288.0	.031	8.88
Stewart Street	336	12	488.0	.043	20.97
Sunshine Court	843	24	2,248.0	.069	155.73
	95,072		19,694.8	.045	886.58

## STREETS MACADAMIZED (NEW WORK).

Street or Avenue.	Tons Trap Rock	Tons Cr. Stone	Days Steam Roller	Avg. Depth Work	Length feet	Width feet	Sq. Yds.	Cost per sq.yd.	Cost Macadam	Cost Turn- pike	Total Cost
Heath Street		166	13	4 in.	597	18	1194.0	.344	410.44	56.18	466.62
LaSalle Place		98	7	4 in.	354	15	590.0	.422	249.09	28.59	277.68
Elk Avenue		133	4½	4 in.	419	23	1070.7	.300	321.56		321.56
Stziska Court		55	3½	2 in.	300	16	533.3	.300	151.02		151.02
Prairie Avenue		228	11	6 in.	300	32	1066.6	.464	492.53	140.88	642.41
Record Street		104	7½	5 in.	235	21	548.3	.487	267.08	80.16	346.23
Rhode Island Avenue		374	17	6 in.	945	18	1800.0	.433	821.10		821.10
Robinson Street		101	18	6 in.	604	22	880.7	.500	444.80	46.32	491.12
Wendell Avenue		327	20	4 in.	843	24	2248.0	.355	798.01	155.75	954.34
Wendell Court		62	4½	4 in.	346	12	448.0	.356	159.56	40.07	199.63
	3	1738	101		4623		19478.0	.40	4115.84	546.82	8403.30

## TARYIA-MACADAM.

Street or Avenue.	Tons Trap Rock	Tons Cr. Stone	Days Steam Roller	Avg. Depth Work	Length feet	Width feet	Sq. Yds.	Cost per sq. yd.	Cost Macadam	Cost Turn- pike	Total Cost
Wendell Avenue	40	1633	53 1/2	6 in.	4280	24	10886.6	.429	4677.75	313.13	8490.48

## STREETS RE-MACADAMIZED.

Street or Avenue.	Tons Trap Rock	Tons Cr. Stone	Days Steam Roller	Avg. Depth Work	Length feet	Width. feet	Sq. Yds.	Cost per sq. yd.	Total Cost
Bath Road -----	74	400	25	2 in.	4158	14	6467.0	.156	1012.86
Bellevue Avenue, Coggeshall to Ledge Road --		128	12	3 in.	597	29	1923.6	.184	364.70
Cottage Street -----		93	9	5 in.	382	21	891.4	.284	253.38
DeBols Street -----		142	9½	4 in.	512	14	796.4	.438	338.72
Division Street -----		182	15	4 in.	934	14	1452.8	.322	468.19
Extension Street -----		95	7	3 in.	540	14	840.0	.285	239.67
Kinsley's Wharf -----		76	4½	4 in.	545	18.7	1132.4	.152	172.50
Lee Avenue -----		341	15	6 in.	682	20	1515.5	.462	801.15
Lucas Avenue -----		121	9	3 in.	568	18	1138.0	.250	284.80
Ruggles Avenue, Drexel Est., to Wetmore Ave. -----		389	21	5 in.	1475	23	3769.4	.222	838.57
Warner Street, Pond Ave. to Dartmouth St. -----	14	318	18½	4 in.	1151	15	1918.3	.306	751.93
	88	2285	145½		11544		21845.7		\$5426.56

## STREETS—RE-SURFACED AND ROLLED.

Street or Avenue.	Tons Trap Rock	Tons Cr'h'd Stone	Days Steam Roller	Length Feet	Width Feet	Sq. Yds.	Cost per Sq.yd.	Total Cost
Bellevue Ave., Ledge road to Turn -----	29		3	723	20	2,329.6	.037	\$85 96
Bellevue Ave., Mill St., south -----	231	227	39½	3,184	29	10,259.5	.117	1,201 56
Broadway -----		926	52½	4,754	26	13,733.7	.151	2,082 60
Coddington Street -----		50	5	405	16	720.0	.190	136 36
Dixon St. -----		35	4	747	11	913.0	.110	100 94
Hammond St. -----		19	4	785	20	1,744.4	.041	71 69
School St., Touro St. to Mary St. -----		48	2½	249	15	415.0	.258	107 38
Washington St., Marsh St., south -----		94	6	241	22	589.1	.383	225 59
West Narragansett Ave., Thames to Marchant -----		59	5	300	24	800.0	.184	147 52
	260	1,458	121½	11,388		31,554.3		\$4,159 60

## NEW DRIVEWAYS PAVED.

Powel Ave. at "Curtis" .....	11 ft. x 3 ft.
Pelham St. at "Dr. Anderson's" .....	9 ft. x 4 ft.

## DRIVEWAYS REPAIRED.

Bath Road at Seabury's .....	24 ft. x 5 ft.
Bath Road at Ladd Estate .....	18 ft. x 4 ft.
Bath Road at Vose Estate .....	15 ft. x 4 ft.
Bridge St. at No. 2 Engine House .....	45 ft. x 12 ft.
Central St. ....	10 ft. 6 in. x 3 ft. 6 in.
Central St. ....	6 ft. 10 in. x 3 ft. 6 in.
Central St. ....	12 ft. 9 in. x 3 ft. 6 in.
Equality Park Place at No. 4 Engine House .....	44 ft. x 6 ft.
Perry St. at Lenthal School .....	15 ft. x 3 ft. 6 in.
Prospect Hill St. at No. 8 Engine House .....	20 ft. x 15 ft.

## REPLACING CURB IN DRIVEWAYS.

Bellevue Ave. at East Bowery St. ....	12 ft.
Bath Road at Casino .....	24 ft.
Bath Road at Corrigan's .....	24 ft.
Bath Road at Seabury's .....	15 ft.
Perry St. at Seabury's .....	22 ft.

97 ft.

## CROSSINGS RE-SET.

Ayrault St. at Kay St. ....	50 ft. x 10 ft.
Brooks Ave. at Broadway .....	41 ft. x 6 ft.
Bath Road at Bellevue Ave. ....	24 ft. x 8 ft.
Bull St. at Mount Vernon St. ....	21 ft. x 7 ft.
Channing St. at Malbone Ave. ....	24 ft. x 6 ft.
Clinton Ave. at Warner St. ....	24 ft. x 9 ft.
Church St. at Division St. ....	18 ft. x 9 ft.
Calvert St. at Cranston Ave. ....	12 ft. x 9 ft.
Division St. at Touro St. ....	27 ft. x 8 ft.
Division St. at Church St. ....	20 ft. x 9 ft.
Everett St. at Kay St. ....	42 ft. x 10 ft.
Farewell St. at Broadway .....	61 ft. x 8 ft. 6 in.
Filmore St. at Brinley St. ....	20 ft. x 10 ft.
Frank St. at Spring St. ....	18 ft. x 6 ft.
Hayden Court at Bath Road .....	24 ft. x 10 ft.
Hall Ave. at Warner St. ....	22 ft. x 7 ft.
Heath St. at Spruce St. ....	18 ft. x 6 ft.
Harrington St. at Thames St. ....	12 ft. x 6 ft.
Kay St. at Brinley St. ....	24 ft. x 7 ft.
Marlborough St. at Broadway .....	50 ft. x 10 ft.
Powel Ave. at Kay St. ....	27 ft. x 10 ft.
Perry St. at Bellevue Ave. ....	24 ft. x 8 ft.
Pond Ave. at Warner St. ....	18 ft. x 4 ft.
Pleasant St. at Warner St. ....	22 ft. x 9 ft.
Pond Ave. at West Broadway .....	30 ft. x 6 ft.
Red Cross Ave. at Old Beach Road .....	26 ft. x 6 ft.
Second St. at Poplar St. ....	21 ft. x 4 ft.
Third St. at Walnut St. ....	24 ft. x 6 ft.
Van Zandt Ave. at Malbone Ave. ....	39 ft. x 6 ft.



Washington St. at Bridge St. ....	15 ft. x 9 ft.
Walnut St. at Third St. ....	24 ft. x 6 ft.
Washington St. at Long Wharf .....	49 ft. x 8 ft.
Warner St. at Record St. ....	24 ft. x 3 ft.
West Broadway at Pond Ave. ....	33 ft. x 6 ft.
Total 34.	

## CROSSING REMOVED.

Narragansett Ave. at Clay St.

## NEW GUTTERS.

		Sq. yds.
Battery Park .....	135 ft. x 3 ft.	45
Summer St. at Malbone Road .....	39 ft. x 4 ft.	11.7
Record St. ....	21 ft. x 3 ft.	7.
Oakwood Terrace at Red Cross Ave. ....	40 ft. x 5 ft.	22.2
		<hr/>
		85.9

## GUTTERS REPAVED.

Bath Road .....	1452 ft. x 2 ft.
Bellevue Ave. (Fludder block)) .....	215 ft. x 2 ft.
Bridge St. ....	77 ft. x 2 ft.
Broadway near Bliss Road .....	300 ft. x 2 ft.
Catherine St., Gibbs Ave—west .....	650 ft. x 4 ft.
Central St. ....	345 ft. x 2 ft.
Extension St. ....	145 ft. x 2 ft.
Extension St. ....	138 ft. x 3 ft.
Franklin St. ....	433 ft. x 2 ft.
Farewell St. ....	56 ft. x 2 ft.
Kay St. ....	542 ft. x 5 ft.
Kay St. ....	190 ft. x 2 ft.
Kinsley Wharf .....	66 ft. x 1 ft.
McAlister St. ....	500 ft. x 2 ft.
Newman's Wharf .....	15 ft. x 2 ft.
Pelham St. ....	200 ft. x 2 ft.
Pond Ave. ....	30 ft. x 2 ft.
Powell Ave. ....	50 ft. x 2 ft.
Rhode Island Ave. ....	1140 ft. x 2 ft.
Washington St. ....	1075 ft. x 2 ft.
Tilley Ave .....	420 ft. x 2 ft.
Warner St. ....	1731 ft. x 2 ft.

## NEW CURB.

Extension Street ..... 149 ft.

## NEW CORNER CURB.

Thurston Avenue, at Broadway ..... 36 ft.

## CURBS RE-SET.

Bath Road .....	1854 ft.
Bellevue Avenue, at Traver's Block .....	186 ft.
Bellevue Avenue, from Kay Street to Catherine Street ....	215 ft.
Broadway, from Bliss Road to Whitehall Street .....	300 ft.
Bachelor Street .....	350 ft.

Central Street .....	334 ft.
Extension Street .....	409 ft.
Equality Park Place .....	66 ft.
Franklin Street .....	350 ft.
Kay Street .....	376 ft.
Kinsley Wharf .....	72 ft.
Market Square (south side) .....	60 ft.
Pelham Street .....	50 ft.
Perry Street .....	302 ft.
Powel Avenue .....	85 ft.
Rhode Island Avenue .....	1140 ft.
School Street .....	108 ft.
Spring Street .....	98 ft.
Tilley Avenue .....	420 ft.
Touro Street .....	212 ft.
Warner Street .....	1082 ft.
Washington Street .....	1075 ft.
<hr/>	
	8144 ft.

## STREETS PATCHED.

Kay Street, Brinley Street, Hunter Avenue, Catherine Street, Gibbs Avenue, Bath Road, Kinsley's Wharf, Van Zandt Avenue, Berkeley Avenue, Rhode Island Avenue, Clay Street, Bliss Road, Washington Street, near Long Wharf; Third Street, Broadway, Bowery Street, Farewell Street, Ann Street, Dresser Street, Dartmouth Street, Newport Avenue, Warner Street, Ayrault Street, Touro Street, Gould Street, Old Beach Road, Fair Street, Washington Square, East Bowery Street, Franklin Street, Cottage Street, Central Street, Bridge Street, Powel Avenue, Chapel Street, Ochre Point Avenue, Narragansett Avenue, Pelham Street, Levin Street, Greenough Place, Clark Street, Mary Street, Annandale Road, Marlborough Street, Poplar Street, West Marlborough Street, Bacheller Street, Prospect Hill Street, Division Street, Marchant Street, Dennison Street, Cross Street, Hope Street, Friendship Street, Market Square, Ferry Wharf, Francis Street, Corne Street, Pleasant Street, Kay Street Boulevard, Hall Avenue, Bay View Avenue, Ledge Road, William Street, Walnut Street, Garfield Street, Callender Avenue, Vernon Avenue, Cannon Street, Poplar Street, Elm Street, Livingston Place, Edward Street, Spruce Street, Thames Street, from Bridge Street-north; Cranston Avenue.

## SIDEWALKS EXCAVATED AND PREPARED FOR GRANOLITHIC.

	Sq. Yds.
Bay View Avenue, at Murphy's .... 50 ft. x 7 ft. 6 in.	41.6
Bellevue Avenue, at Travers Block.. 186 ft. x 12 ft.	248
Broadway, corner Summer Street .. 55 ft. x 6 ft.	36.6
Champlin Street, at MacKay's ..... 116 ft. x 4 ft.	51.5

Dean Avenue .....	60 ft. x 5 ft. 6 in.	36.6
East Bowery Street, at Tozier's ....	40 ft. x 7 ft.	31.1
Farewell Street at Anthony's .....	98 ft. x 8 ft. 6 in.	36.6
Franklin Street, at Pinto's .....	43 ft. x 7 ft. 3 in.	34
High Street, at Howland's .....	43 ft. x 6 ft.	28.6
Oak Street, at Buckley's .....	108 ft. x 4 ft.	48
Prairie Avenue, at McVicker's ....	60 ft. x 4 ft. 6 in.	30

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 674.4

## NEW GRANOLITHIC SIDEWALKS.

		Sq. Yds.
Ann Street Pier .....	170 ft. x 3 ft. 6 in.	66.1
Touro Street, Mary St. to High Street	142 ft. x 4 ft.	63.1
Touro Street, School Street-east ...	100 ft. x 4 ft. 8 in.	53.3
	412 ft.	182.5

## NEW FLAG WALK.

Extension Street .....	135 ft. x 2 ft.
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## NEW SIDEWALKS WITH GRASS BORDERS.

		Sq. Yds.
Broadway, Elliott Place-south ..	675 ft. x 4 ft.	300.0
Carroll Ave Bateman to Thames St	411 ft. x 4 ft.	182.6
Coggeshall Ave, Ruggles Ave-south	4036 ft. x 5 ft.	2242.2
Harrison Ave (west side) .....	200 ft. x 3 ft.	66.6
Third Street, Cypress Street-north	2563 ft. x 5 ft.	1424.0
		4215.4

## SIDEWALK REPAIRS.

Flagstone:		Sq. Yds.
Bellevue Ave, Touro to Catherine St. .	215 ft. x 10 ft.	238.8
Bellevue Ave, Redwood to Old Beach Rd	260 ft. x 9 ft.	215.5
Broadway, at Clinton Avenue .....	59 ft. x 8 ft.	52.4
Byrnes Street .....	300 ft. x 2 ft.	66.6
Central Street .....	235 ft. x 5.4 ft.	141.0
Extension Street .....	399 ft. x 2 ft.	88.6
Franklin Street .....	258 ft. x 7.9 ft.	225.4
McAllister Street .....	300 ft. x 2 ft.	66.6
Pelham Street .....	50 ft. x 10 ft.	55.5
Spring Street, at Congregational Church	10 ft. x 7.6 ft.	8.4
Spring Street, at Crandall's .....	50 ft. x 6 ft.	33.3
Thames Street, at Bryer's Exchange ....	45 ft. x 7 ft.	35
Touro Street .....	387 ft. x 6 ft.	258
William Street .....	311 ft. x 4.8 ft.	165.8
	2849 ft.	1630.9

Brick:		Sq. Yds.
Central Street .....	98 ft. x 5.2 ft.	56.6
Kay Street .....	511 ft. x 8.7 ft.	493.9
Kay Street .....	407 ft. x 8.5 ft.	384.9
Kinsley Wharf .....	72 ft. x 14 ft.	112
Newman's Wharf .....	15 ft. x 4 ft.	6.6

## REPORT OF STREET COMMISSIONER

Mount Vernon Street .....	172 ft. x 6 ft.	114.6
Spring Street .....	98 ft. x 6.4 ft.	69.6
Washington Street .....	100 ft. x 9 ft.	130
	<hr/> 1473 ft.	<hr/> 1338.2
Granolithic:		Sq. Yds.
Bath Road .....	39 ft. x 8 ft.	34.6
Green Place, at Spring Street .....	14.8 ft. x 5 ft.	8.2
Mary Street, at Birkhead Place .....	15 ft. x 5.6 ft.	9.3
Spring Street .....	34 ft. x 5 ft.	18.8
	<hr/> 102.8 ft.	<hr/> 70.9
Asphalt Block:		Sq. Yds.
Franklin Street .....	51 ft. x 8 ft.	45.3
Market Square .....	68 ft. x 5 ft.	37.7
Perry Street .....	50 ft. x 8 ft.	44.4
	<hr/> 169 ft.	<hr/> 127.4
Cinders:		Sq. Yds.
Brandt Street .....	345 ft. x 5 ft.	191.6
Butler Street .....	66 ft. x 5 ft.	36.4
Calvert Street .....	61 ft. x 8 ft.	54.2
Congdon Avenue .....	736 ft. x 6 ft.	490.6
Cottage Street .....	32 ft. x 6 ft.	21.3
Chapel Street .....	250 ft. x 3 ft.	83.3
Chestnut Street .....	216 ft. x 6 ft.	144
Chase Street .....	222 ft. x 3 ft.	74
DeBlois Street .....	219 ft. x 4 ft.	97.3
Equality Park Place .....	45 ft. x 9 ft.	45
Evarts Street .....	245 ft. x 5 ft.	136.1
Filmore Street .....	340 ft. x 5 ft.	188.8
Gould Street .....	339 ft. x 6 ft.	226
Hall Avenue .....	75 ft. x 8 ft.	66.6
La Salle Place .....	354 ft. x 3 ft.	118
Malbone Road .....	50 ft. x 6 ft.	33.3
Middleton Avenue .....	1134 ft. x 5 ft.	603
Old Beach Road .....	391 ft. x 4 ft.	173.7
Pond Avenue .....	890 ft. x 10 ft.	988.8
Sycamore Street .....	213 ft. x 3 ft.	71
Second Street .....	600 ft. x 5 ft.	333.3
Third Street, Chestnut to Battery .....	455 ft. x 4 ft.	202.2
Van Zandt Avenue .....	1647 ft. x 6 ft.	1098
Weaver Avenue .....	200 ft. x 4 ft.	88.8
Wesley Street .....	200 ft. x 3 ft.	66.6
Warner Street .....	250 ft. x 5 ft.	138.8
	<hr/> 9575 ft.	<hr/> 5770.7
Crushed Stone:		Sq. Yds.
Ann Street .....	200 ft. x 3 ft.	66.6
Broadway, at High School .....	172 ft. x 9 ft.	172.0
Coggeshall Avenue .....	4030 ft. x 4 ft.	1791.1
Dixon Street .....	125 ft. x 3 ft.	41.6
Everett Street .....	200 ft. x 7 ft.	155.5

# REPORT OF STREET COMMISSIONER

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High Street .....	10 ft. x 6 ft.	6.6
John Street .....	100 ft. x 2 ft.	22.2
Mann Avenue .....	150 ft. x 8 ft.	133.3
School Street .....	100 ft. x 9 ft.	100
Washington Street .....	222 ft. x 9 ft.	222
Wheatland Avenue .....	240 ft. x 5 ft.	133.3
	<hr/> 5549 ft.	<hr/> 2844.2

Dirt:		Sq. Yds.
Ayrault Street .....	150 ft. x 7 ft.	116.6
Bachelor Street .....	180 ft. x 6 ft.	120
DeBlois Street .....	210 ft. x 3 ft.	70
DeBlois Street .....	219 ft. x 4 ft.	97.3
Hammond Street .....	500 ft. x 5 ft.	288.8
North Newport Avenue .....	225 ft. x 4 ft.	100
Russell Avenue .....	843 ft. x 6 ft.	562
State Street .....	150 ft. x 4 ft.	66.6
Washington Street .....	800 ft. x 8 ft.	711.1
William Street .....	900 ft. x 4 ft.	400
..	<hr/> 4177 ft.	<hr/> 2534.4

## SEA WALLS REPAIRED.

Ocean Avenue, opposite T. M. Davis' .....	75 ft. x 4 ft.
Walnut Street (wall and steps) .....	33 ft. x 7 ft.
Battery Park .....	275 ft. x 14 ft.

## FOUNTAINS REPAIRED.

Broadway, at Soldiers' and Sailors' Monument  
 West Broadway  
 Washington Street

## BRIDGES REPAIRED.

Green Bridge, Ocean Avenue, repairs rip-rap wall.  
 Water Works Road.  
 Van Zandt Avenue.

## TREES REMOVED.

Marchant Street  
 Greenough Place.  
 Mary Street.  
 East Bowery Street.

## INVENTORY OF PROPERTY BELONGING TO THE HIGHWAY DEPARTMENT.

### Office.

1 Victor safe .....	\$180.00
1 Iron safe (City Yard Office, Long Wharf) ..	25.00
1 Iron safe (loaned License Commissioners) ..	140.00
Furniture, clock, stoves, desk, copypress, etc.	55.00
1 Engineer's transit .....	250.00



1 Set engineer's drafting instruments.....	5.50
1 Plummert lamp .....	5.00
1 Exploding battery .....	25.00
1 Engineer's level and rod .....	50.00

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 \$735.50

#### Wharf and Stable.

1 Fairbanks scale .....	\$50.00
10 Horses .....	2000.00
3 Stone Wagons .....	300.00
4 Dump carts .....	80.00
2 Two-horse steel dump carts .....	300.00
1 Two-horse steel dump cart (old) .....	25.00
3 One-horse steel dump carts .....	375.00
1 Double gear .....	75.00
1 Single gear .....	50.00
1 Express wagon .....	100.00
1 Street sweeper .....	25.00
1 Two-horse roller .....	200.00
11 One-horse watering carts .....	1925.00
9 Two-horse Watering carts .....	2475.00
4 Sets double harness .....	150.00
4 Sets cart harness .....	20.00
4 Sets single wagon harness .....	20.00
7 Waterproof covers .....	7.00
13 Woollen blankets .....	13.00
10 Baker blankets .....	10.00
9 Stable forks .....	4.50
2 Wagon jacks .....	1.00
3 Steam road rollers .....	7500.00
2 Stone trucks .....	20.00
1 Patrol wagon .....	2.00
13 Iron wheelbarrows .....	91.00
2 Lawn mowers .....	5.00
2 Wooden wheelbarrows .....	3.00
1 Derrick, complete .....	150.00
1 Controlling nozzle and pipe .....	10.00
6 Spanner wrenches .....	2.50
9 Hydrant wrenches .....	9.00
2 Ship pumps and hose (50ft.) .....	75.00
67 Lanterns and globes .....	33.50
1 Gravel screen .....	6.00
1 Tree pruner .....	1.00
9 Ice picks .....	2.25
2 Cast-iron stoves .....	25.00
3 Jack screws .....	6.00
1 Asphalt pot .....	3.00
2 Babbitt pots .....	2.00
2 Tar kettles on wheels .....	266.00
3 Claw hammers .....	.50
2 Machinist hammers .....	1.00
1 Asphalt repair plant and tools, complete ....	400.00
6 Asphalt maddocks .....	6.00
3 3-inch augers .....	12.00
4 Small augers .....	2.00

1 Set bits .....	2.00
1 Breast drill .....	2.00
4 Crosscut saws .....	6.00
3 Bit stocks .....	6.00
7 Hand saws .....	3.50
1 Wood saw .....	1.00
1 Hack saw .....	1.00
3 Straight edges .....	3.00
2 Plows .....	25.00
2 Stone axes .....	3.00
43 Cutting tools .....	4.30
7 Hand drills .....	3.50
22 Iron bars .....	22.00
11 Tampers .....	11.00
2 Iron pounders .....	2.00
53 Iron pins .....	13.25
500 lbs steel .....	40.00
4 Striking hammers .....	6.00
13 Sledges .....	19.50
2 Anvils .....	7.50
6 Paving pounders .....	5.00
31 Picks .....	15.50
7 Levels .....	3.50
6 Trench braces .....	18.00
2 Maddocks .....	1.00
7 Iron rakes .....	5.25
2 Scoop shovels .....	1.00
2 Tape measures .....	1.00
1 Steel tape measure .....	7.50
25 Guard pins and ropes .....	5.00
2 Manhole guards .....	5.00
1 Hydrant valve .....	2.00
4 Tool boxes .....	10.00
3 Sets blocks and falls .....	15.00
7 Stillson wrenches .....	7.00
11 Monkey wrenches .....	5.50
2 Pair chain tongs .....	10.00
1 Bolt cutter .....	.50
3 Bench vices .....	12.00
1 Flush tank .....	30.00
2 24-inch manhole grates and rims .....	18.00
4 24-inch manhole covers and rims .....	38.00
1 Light iron cover .....	1.00
37 Long handle shovels .....	37.00
2 Heavy iron covers .....	4.00
8 Short handle shovels .....	6.00
1 Stone roller .....	25.00
6 Large axes .....	9.00
2 Small axes .....	2.00
5 Ox chains .....	5.00
4 Spades .....	4.00
4 Scythes and blades .....	6.00
3 Squares .....	3.00
1 Trowel .....	.50
2 Rubber covers .....	4.00

## REPORT OF STREET COMMISSIONER

8 Hoes .....	4.00
6 Suits oilskin .....	10.00
5 Pipe wrenches .....	2.50
2 California pumps .....	3.00
2 Smoothing trowels .....	1.50
1 Pair trimming shears .....	1.50
4 Pails .....	.40
11 Iron drinking pails .....	5.50
2 Step ladders .....	2.00
2 Joiners (granolithic tools) .....	2.00
1 Emery wheel .....	5.00
11 Pair rubber boats .....	66.00
1 Set wood chisels .....	10.00
3 Planes .....	6.23
4 Screw drivers .....	2.00
1 Set dies and taps .....	15.00
1 Bevel .....	1.00
1 Pipe cutter .....	1.00
1 Painter's torch .....	1.50
2 Sets stencils .....	3.00
2 Hatchets .....	1.00
3 50-gallon oil cans .....	15.00
2 Funnels .....	.50
2 ½-gallon measures .....	1.00
1 Blacksmith portable forge .....	12.60
1 Pair snips .....	2.00
1 Set sewer cleaning rods and fittings .....	50.00
100 feet ½-inch rubber hose .....	10.00
1 Soldering iron .....	1.50
1 Ratchet drill and 16 drills .....	18.00
2 Iron clamps .....	1.00
1 Drawing knife .....	1.00
1 Extension bit .....	1.23
1 Norton jack 15 ton) .....	48.00
1 Extension ladder (30 feet) .....	3.00
1 Ladder (18 feet) .....	2.00
1 Upright self-feeding drill and 14 drills .....	29.00
3 5-gallon oil cans .....	3.00
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	\$17,691.05

## Settling Tank.

1 Centrifugal pump and fittings .....	300.00
1 Hoisting engine .....	300.00
1 Boiler .....	365.00
	<hr/>
	\$965.00

## Quarry.

2 Crushers, engine and boiler .....	\$4500.00
1 Fairbanks scale .....	100.00
1 Bellows .....	15.00
2 Vices .....	10.00
1 Anvil .....	7.00
1 Chain fall .....	10.00
1 Clock .....	3.50
1 McKiernan steam drill and fittings .....	296.00
	<hr/>
	\$4941.50



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## Ocean Avenue.

1 Steam boiler, pump and tanks .....	500.00
1 Windmill (pump and tank at yard), formerly at Bailey's Beach .....	500.00

## Collins Beach.

1 Steam pump, boiler and tank .....	500.00
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## Long Wharf.

1 Steam boiler, pump and tank .....	300.00
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\$26,133.05

## STATEMENT OF CASH RECEIVED AND DEPOSITED WITH THE CITY TREASURER DURING THE MUNICIPAL YEAR OF 1909.

General Fund.		Highway Department Fund.	
Wharfage .....	\$103.88	Labor .....	\$731.98
Weighing .....	149.30	Materials .....	1861.99
Permits .....	97.50	Use Watering Cart ...	6.00
Street Sweepings .....	524.50	Use Pumps .....	65.00
Manure .....	18.00	Sale Pair Horses ....	225.00
Outstanding Accounts..	36.57	Donation, dustoline ...	200.00
Miscellaneous & Junk..	71.95		
	<u>\$1,001.70</u>		<u>\$3,089.97</u>

## RECEIPTS AND EXPENDITURES OF STREETS AND HIGHWAYS FOR THE MUNICIPAL YEAR OF 1909.

### Receipts.

Appropriation .....	\$100,700.39
Appropriation .....	200.00
Appropriation .....	400.00
Cash received and deposited with the City Treasurer to the credit of the Highway Fund, as per above statement .....	3,089.97
	<u>\$104,390.36</u>

### Disbursements.

Paid for labor .....	\$80,639.05
Paid for materials .....	17,926.21
Balance unexpended .....	5,825.10
	<u>\$104,390.36</u>

## STATEMENT SHOWING APPROPRIATIONS, DISBURSEMENTS AND BALANCES OF THE STREET AND HIGHWAY DEPARTMENT DURING THE MUNICIPAL YEAR 1909.

	Appropriation	Disbursement	Balance
a. Office and City Yard .....	\$2,250.00	\$2,246.77	\$3.23
b. Cleaning Streets .....	28,200.00	27,593.47	606.53

## REPORT OF STREET COMMISSIONER

c. Removal of snow and ice	1,500.00	304.54	2,685.46
d. Watering and applying dustlay- ing substances	12,207.50	12,082.37	124.13
e. Cleaning and repairing sewers, culverts and fertilizing Tank	4,205.12	1,340.24	2,517.79
f. General repairs to Streets and Sidewalks	9,785.25	9,752.13	12.97
g. Building, repairing and cleaning catch basins	4,000.00	3,385.34	111.96
h. Re-surfacing and re-macadamiz- ing of streets	11,000.00	10,346.34	4.66
i. Re-setting curbs, re-laying gut- ters, driveways, crossings, etc.	1,022.31	4,341.27	41.54
j. Cleaning, painting, repairs, etc., at Easton's Beach, Forty Steps, City fountains, bridges, fairs, sea walls, trimming trees, etc.	1,100.00	1,080.27	9.73
k. Repairs to City Yurt buildings	500.00	204.65	293.35
l. New Water Tank to be placed at Bailey's Beach or some other nearby beach	275.00	50.33	224.17
m. One horse	100.00	—	100.00
n. Emergency and mis- cellaneous incidents \$1,361.71			
Less transferred to Rhode Island Ave. \$14.14, and Ocean Ave Sea Wall \$11.01	143.07		
	1,793.64	1,733.91	30.63
	\$33,317.23	\$73,495.02	\$4,512.21

City Garbage	Appropriation	Disbursement	Balance
Collection and disposal	\$5,124.00	\$5,124.00	\$—
Labor of two men, one at each dump	1,251.00	1,251.00	—
Supervision	280.00	280.00	—
Wellington Ave Dump, building wire cage and burning rubbish at night	200.00	59.15	140.85
Supplies	54.00	5.15	58.85
	\$6,909.00	\$6,709.30	\$199.70

## Unfinished Work.

Sea wall Ocean Ave.	\$475.39		
Transferred from the Emergency fund	21.91		
	\$497.30	\$497.30	\$—

## New Work.

Coggesshall Avenue, Tarvia- Macadam	\$5,000.00	\$4,990.88	\$9.12
Prairie Avenue macadam	650.00	642.41	7.59

## REPORT OF STREET COMMISSIONER

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Robinson Street macadam ....	500.00	491.12	8.88
Heath Street macadam .....	500.00	466.62	33.38
Meikle Avenue macadam ....	500.00	321.56	178.44
Record Street macadam .....	400.00	356.23	43.77
Petzka Court macadam .....	500.00	151.02	348.98
Sunshine Court macadam ....	400.00	180.52	219.48
La Salle Place macadam ....	400.00	277.68	122.32
Extension Street Improvement	500.00	468.69	31.31
Rhode Island Ave macadam .....	\$675.00		
Transferred from the .....			
Emergency fund .....	146.16		
	821.16	821.16	
Russel Ave macadam .....	1,000.00	954.34	45.66
Third Street Cinder Walk ....	400.00	335.74	64.26
	<u>\$11,571.16</u>	<u>\$10,457.97</u>	<u>\$1,113.19</u>

Total balance unexpended (Highway Fund) ..... \$5,825.10

Total balance unexpended (Broadway and Spring Street  
Bitulithic Pavement) ..... 5,506.73\$11,331.83SUMMARY OF EXPENDITURES ON STREETS AND HIGHWAYS  
FOR THE MUNICIPAL YEAR OF 1909.

	Labor.	Materials.	Total.
Office .....	\$1,313.50	\$185.59	\$1,499.09
City Yard .....	626.50	121.18	747.68
Cleaning Streets .....	15,067.23	635.36	16,602.59
Cleaning Thames Street .....	5,211.94	594.78	5,806.72
Cleaning Spring Street .....	2,063.37	144.64	2,208.01
Cleaning Broadway .....	1,901.73	190.93	2,092.66
Cleaning Long Wharf .....	824.27	59.22	883.49
Removing Snow and Ice .....	541.14	263.40	804.54
Watering Streets .....	9,120.35	956.88	10,077.23
Applying Glutrin .....	17.46	74.91	92.37
Applying Texas Oil .....	.68	.19	.87
Applying Dustoline .....	123.72	1,789.12	1,912.84
Cleaning Main Sewers .....	2,437.68	80.73	2,518.41
Cleaning Settling Tank .....	307.96	79.99	387.95
Repairing Sewers and Culverts .....	224.81	20.67	245.48
Inspecting Sewer Connections .....	66.02	—	66.02
Morton Avenue, Extending Sewer ....	271.52	97.14	368.66
Spring Street, Sewer, Morton Ave.-no.	67.65	29.57	97.22
Battery Park, drain from fountain ..	14.06	—	14.06
Washington Street, Extension Sewer	76.38	10.32	86.70
King Park, building manhole .....	30.82	6.03	36.85
Third St, Extend sewer, Cypress St-no	46.04	18.80	64.84
Carey Street, building two manholes	50.90	10.12	61.02
General Reps. and Patching Streets .	1,804.11	1,354.94	3,159.05
General Repairs to Sidewalks .....	513.23	205.60	718.83
Preparing Sidewalks for Granolithic	515.43	89.11	604.54
Broadway Repairs .....	38.90	44.48	83.38

Ocean Avenue Repairs .....	454.21	136.51	590.72
Thurston Avenue Repairs .....	35.87	8.33	44.20
Pelham Street Repairs .....	116.19	28.77	144.96
Ridge Road Repairs .....	19.80	8.47	28.27
Harrison Avenue Repairs .....	173.80	39.21	213.01
Touro Street Patching .....	27.34	106.51	133.85
Touro Street, Granolithic Sidewalks..	133.81	61.18	194.99
Touro St., rep. Flagwalk, etc. ....	186.41	12.28	198.69
Bellevue Ave, Sidewalk Repairs ....	169.35	9.28	178.63
Perry Street, Sidewalk Repairs .....	44.82	5.32	50.12
Extension Street, Sidewalks Repairs	24.43	—	24.43
Bellevue Ave., Reps., Mill Street-north	162.21	151.76	313.97
Bellevue Avenue Patching .....	28.87	139.87	168.74
Clay Street Repairs .....	13.69	5.01	18.70
Ann St. Pier, Granolithic Sidewalk ..	118.60	35.00	153.60
Kinsley Wharf, Sidewalk Repairs ..	41.47	4.33	45.80
Carroll Ave., Sidewalk Repairs .....	86.78	1.44	88.22
Kay Street Sidewalk Repairs .....	151.79	7.53	159.32
Broadway Sidewalk, Elliot Place-south	90.75	—	90.75
Harrison Ave., Sidewalk south side			
Carroll Ave, west .....	35.50		35.50
Market Square, rep. Sidewalk .....	55.76	4.09	59.85
Newman's Whf., rep Sidewalk .....	21.89	1.77	23.66
Coggeshall Ave., Sidewalk, west side	446.92	8.78	455.70
Wheatland Ave. Sidewalk .....	39.98	2.31	42.29
Franklin St., Rep. Flagstone walk..	105.45	6.96	112.41
McAllister St. Sidewalk Rep. ....	31.71	5.54	37.25
Central St., Rep Sidewalks .....	86.87	1.84	88.71
Byrnes St. Sidewalk Rep. ....	70.61	8.03	78.64
Bath Rd, Granolithic Sidewalk Reps ..	37.95	15.99	53.94
School St. Sidewalk Reps. ....	27.10	.20	27.30
William t. idewalk Reps. ....	75.55	7.56	83.11
Charged to Abutters .....	61.58	113.04	174.62
Calvert St. Sidewalk Reps. ....	20.77	3.34	24.11
Tarvia aplied to Quarters of roadbeds ..	371.71	329.65	701.36
Kinsley's Wharf, tarvia .....	6.30	7.89	14.19
Crushed Stone on hand at City Yard	38.86	8.56	47.42
Materials on hand .....		505.40	505.40
Cleaning Catch Basins & Eyes .....	2831.04	422.26	3253.30
Repairs to Catch Basins & Eyes ....	293.69	56.92	350.61
Morton Ave. near Spring St., building			
Catch Basins .....	10.93	6.30	17.23
Carroll Ave & Bateman Ave., building			
eyes .....	35.75	19.55	55.30
Ridge Rd., building Catch Basin ....	35.48	8.57	44.05
Connection St. & Marchant St, building			
Eyes .....	21.02	7.30	28.32
Coggeshall Ave., building Catch			
Basins & Eyes .....	124.47	14.76	139.23
Broadway resurface roadbed .....	1723.74	358.86	2082.60
Bellevue Ave. resurface, Ledge Road			
east .....	38.27	47.69	85.96
Bellevue Ave. resurface, Mill St.			
south .....	716.90	484.66	1201.56
West Narragansett Ave. resurface ..	118.55	28.97	147.52



Coddington St. resurface .....	112.19	24.17	136.36
Hammond St. resurface .....	56.82	14.87	71.69
Dixon St. resurface .....	80.35	20.59	100.94
School St. resurface .....	88.54	18.84	107.38
Washington St. resurface .....	183.44	42.15	225.59
Bull St. resurface with Tarvia .....	68.97	52.34	121.31
Applying Tarvia to Webster, Cary, Mann Ave. & Ayrault St. ....	106.35	203.78	310.13
Applying Glutrin to Lucas Ave. ....	6.54		6.54
Bath Road, re-macadamize .....	727.09	285.77	1012.86
Bellevue Ave. re-macadamize, Coggeshall to Ledge Road .....	302.68	62.02	64.70
Ruggles Ave. re-macadamize, Drexel Est. to Wetmore Ave. ....	689.06	149.51	838.57
Lucas Ave re-macadamize .....	227.87	57.02	284.89
Lee Ave. re-macadamize .....	566.22	134.93	701.15
Wesley St. re-macadamize .....	248.02	57.72	305.74
Summer St. at Malborne Rd., Double Gutter .....	38.65	12.98	51.63
Record St. at Channing St., Gutter..	19.72	.75	20.47
Oakwood Terrace Driveway at Red Cross Ave. ....	62.38	15.00	77.38
Prospect Hill St. Driveway at No. 8 Engine House .....	20.53	2.73	23.26
Green Place Driveway at Spring St. ..	17.18	9.25	26.43
Replacing Curb in Driveways .....	32.67	5.16	37.83
Repairing and relaying Driveways ..	36.61		36.61
Kinsley's Wharf, reset curb .....	27.23	3.32	26.95
Powel Ave & Kay St., reset curb ....	21.20	5.75	26.95
Pelham St. reset curb .....	20.14	2.46	22.60
Kay St. reset curb .....	29.07	1.10	30.17
Belevue Ave reset curb at Traver's Block .....	32.38	2.14	34.25
Belevue Ave. reset curb at Catherine St. north & Redwood st, south ....	50.26		50.26
Franklin St. reset curb, north side..	67.91	12.50	79.96
Bath Road reset curb .....	576.24	88.06	663.30
Spring St. reset curb, Bull St., so....	34.62	5.49	40.11
Broadway, Relay Gutter .....	51.42	10.12	61.54
Tilley Ave. reset curb .....	142.38	20.87	163.25
Perry St. reset curb .....	176.68	24.65	201.33
Warner St. reset curb .....	433.21	50.63	483.84
Thurston Ave. at Broadway, corner curb .....	72.31	14.00	86.31
Extension St. reset curb .....	91.11	12.46	103.57
Central St. reset curb .....	122.36	5.76	128.12
Forty Steps, paint & repair .....	21.00	11.20	32.20
Water Works Rd. Bridge repairs ....	7.25	27.44	34.69
Van Zandt Ave. Bridge rep. ....	20.76	29.78	50.54
Walnut St. Sea Wall rep .....	43.63	11.41	55.04
Clean & repair Fountain .....	159.62	68.25	227.87
Trimming & Removing Trees .....	75.41	9.21	84.62
Long Wharf, repair wharf wall .....	89.66	19.58	109.24
Briggs Wharf, repair wharf wall ....	5.23	.36	5.59
Long Wharf, painting iron fence .....	2.50	3.75	6.25

Long Wharf, repairing floats .....	1.25		1.25
Ann St. Pier repairs .....	.53	.27	.90
Elm St. Pier repairs .....	1.25		1.25
Van Zandt Ave. Pier repairs .....	50.31	2.01	52.32
Willow St. Brow repairs .....	8.94	20.95	29.89
Ocean Ave. painting fence at Goose-neck .....	10.00	3.75	13.75
Green Bridge, Ocean Ave., repair rip-rap wall .....	46.35	.75	47.10
Ocean Ave., repair Sea Wall opp. T. M. Davis' Est. ....	31.43	5.97	37.40
Easton's Beach clean Broadway, repair & paint fence, etc .....	321.33	14.75	336.08
Pumping out Floats, Long Wharf ....	3.75		3.75
City Yard, reps to stable .....	127.29	68.89	196.18
City Yard, reps. to building, scales..	1.25	9.22	10.47
Bailey's Beach, removing Wind Mill etc. ....	46.41	4.42	50.83
Overpaid for Gravel .....		13.08	13.08
Battery St. repair Sea Wall .....	14.93	.75	15.68
Green Bridge, repair Fence .....	2.50	.30	2.80
Emergency & Miscellaneous Incident-als .....		855.99	855.99
Spraying Trees .....	118.13		118.13
Renovating office, City Hall .....	61.50	97.19	158.69
Repair Vault, etc at City Clerk's office .....	18.32	5.28	23.60
Fort Green, pointing Sea Wall .....	121.06	34.69	155.75
Ocean Ave. Sea Wall footing .....	138.52	51.57	190.09
Ocean Ave. Sea Wall .....	452.07	45.23	497.30
Division St. re-macadamize .....	389.61	78.58	468.19
Extension St. re-macadamize .....	193.59	46.08	239.67
Kinsley's Wharf re-macadamize ....	142.60	29.90	172.50
DeBlois St. re-macadamize .....	274.12	64.60	338.72
Cottage St. re-macadamize .....	204.29	49.09	253.38
Warner St. re-macadamize, Pond Ave, to Dartmouth St. ....	588.62	163.31	751.93
Crushed Stone on hand at Crusher ..	547.59	120.59	668.18
Measuring Sts. ....	75.00		75.00
School St. reset curb .....	76.85	13.24	90.09
Washington St. reset curb .....	259.11	24.51	283.62
Pond Ave. reset curb .....	11.98	2.41	14.39
Bachelor St. reset curb .....	108.56	14.76	123.32
Rhode Island Ave. reset curb .....	289.73	20.56	310.29
Equality Park Pl. reset curb .....	15.74	1.34	17.08
Removing Crossings .....	12.24	.36	12.60
Repairing & relaying Crossings ....	681.00	52.84	733.84
Farewell St. Crossing at Broadway ..	82.37	5.02	87.39
Birkhead Pl. Driveway at Mary St..	14.09	7.44	21.53
Equality Park Pl. Driveway at No. 4 Engine House .....	15.16		15.16
Elm St. Driveway at Potter School..	25.49	2.69	28.18
Relaying Gutters .....	11.83		11.83
Catherine St. relay Gutter, Gibbs Ave. west .....	260.80	45.37	306.17



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Powel Ave. relay Gutter .....	25.57	5.41	30.98
Pelham St. relay Gutter, Thames St. east .....	33.89	7.89	41.78
Kay St. relay Gutter .....	65.95	11.61	77.56
Newman's Wharf relay Gutter .....	10.00		10.00
Franklin St. Relay Gutter, no side ..	70.50	12.04	82.54
McAllister St. relay Gutter .....	32.91	3.67	36.58
Battery Park Gutter .....	53.86	6.59	60.45
Garbage .....	6,656.00	5.15	6,661.15
Wellington Ave. Dump, building fence	23.09	16.06	39.15
Coggeshall Ave. Tarvia Macadam ..	3,475.90	1,514.98	4,990.88
Prairie Ave. macadamize .....	552.82	89.59	642.41
Petzka Ct. macadamize .....	121.63	29.39	151.02
Meikle Ave., Turnpike & macadamize	265.48	56.08	321.56
LaSalle Pl., Turnpike & macadam ..	222.49	55.19	277.68
Sunshine Ct., Turnpike & Macadamize	144.57	35.95	180.52
Record St. Turnpike & macadam ....	295.86	60.37	356.23
Extension St. Improvement .....	378.69	90.00	468.69
Heath St., Turnpike & macadam ..	396.05	70.57	466.62
Robinson St., Turnpike & macadam ..	408.61	82.51	491.12
Rhode Island Ave. macadam .....	664.36	156.80	821.16
Russell Ave. Turnpike & macadam ..	775.53	178.81	954.34
Third St., Cinder Walk, west side from Cypress St., north .....	301.30	34.44	335.74
	\$80,639.05	\$16,421.54	\$97,060.59

**Detail of Expenditures on Streets and Highways for the Municipal  
Year of 1909.  
January.**

1 Wm. H. Cotton Pharmacy, kronkine .....	.75
2 C. A. Hilckon, binding Annual Report .....	.75
3 Providence Telephone Co., telephone service .....	22.00
4 H. L. Marsh & Co., forage .....	77.26
5 F. E. Fitts Mfg. & Supply Co., rainbow packing .....	16.74
6 Kee Lox Mfg. Co., typewriter supplies .....	8.50
7 Harold L. Bond Co., wrenches .....	5.68
8 J. L. & H. K. Potter, packing, etc. ....	21.00
9 John P. Warth & Brother, brooms .....	42.00
10 Wm. A. Stoddard, stock food .....	4.00
11 Perrin, Seamans & Co., bolts .....	14.64
12 Ward Printing Co., letter heads .....	4.50
13 Newport Paper & Grocery Co. ....	.84
14 James J. Dugan, garbage .....	405.65
15 George T. King, labor at dump .....	50.00
16 Cornelius Harrington, labor at dump .....	50.00
17 Dennis Shanahan, forage .....	189.44
18 Downing Brothers, perscriptions .....	1.35
19 George Stanhape, soaps .....	4.15
20 O. R. Braman, rep. harness .....	2.75
21 George Gratrix, reins, etc. ....	5.87
22 George W. Richle, stable supplies .....	5.75
23 P. F. Clark & Co., shoeing .....	9.00
24 M. Kennedy, shoeing .....	2.00

25	Shreenan & Sullivan, shoeing .....	6.00
26	John E. Leddy, shoeing .....	8.00
27	George W. Callahan, shoeing .....	5.75
28	Daniel Beard, shoeing .....	9.00
29	George H. Carr, office supplies .....	2.90
30	Wm. Clarke, office supplies .....	2.50
31	Milne Printery, order books .....	5.00
32	Simon Hart, office supplies .....	2.77
33	Wm. B. Scott & Co., lye, etc. ....	1.85
34	Wm. K. Covell, rep. copper boiler, etc .....	2.83
35	Alex J. Fludder, pipe .....	3.60
36	J. D. Johnston, lumber .....	1.50
37	M. Brotherson, filing saws .....	.50
38	Newport Foundry & Machine Corp., gauge glasses, etc. ....	6.88
39	Alex N. Barker & Co., lumber, etc. ....	3.86
40	N. Y., N. H. & H. R. R. Co, freight .....	.79
41	Chas. S. Goddard, watering cart repairs .....	9.00
42	Ralph R. Barker, turpentine, etc. ....	4.32
43	E. S. Peckham, fuel .....	27.00
44	J. K. Sullivan, medicine for horse, etc .....	4.25
45	Remington Ward, blanks .....	4.75
	Pay roll .....	2717.42

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 \$3775.09

## February.

46	Alex N. Barker & Co., scoop, etc. ....	\$ 2.33
47	Wm. B. Scott & Co., pails, etc. ....	7.61
48	E. S. Peckham, fuel .....	20.25
49	George H. Carr, office supplies .....	2.55
50	Simon Hart, office supplies .....	4.95
51	Ward Printing Co., sharpening blanks .....	2.50
52	Art Metal Construction Co., special blank divisions ....	4.50
53	Wright Brothers, bronite, etc. ....	12.20
54	Ralph R. Barker, spar, etc. ....	4.25
55	J. L. & H. K. Potter, roller eyes .....	3.36
56	M. F. Shea, rep. carts, sharpening tools, etc. ....	21.15
57	New England Navigation Co., roller repairs .....	3.75
58	Chas. S. Goddard, watering cart repairs .....	12.05
59	Buffalo Steam Roller Co., grate bars, etc. ....	28.70
60	Newport Foundry & Machine Corp., rep. boiler .....	7.80
61	James J. Dugan, garbage .....	405.65
62	George T. King, labor at dump .....	50.00
63	Cornelius Harrington, labor at dump .....	50.00
64	Municipal Journal, subscription .....	3.00
65	Dennis Shanahan, forage .....	156.05
66	P. F. Clark & Co., shoeing .....	4.50
67	M. Kennedy, shoeing .....	.50
68	George W. Callahan, shoeing .....	2.00
69	Shreenan & Sullivan, shoeing .....	2.88
70	Daniel Beard, shoeing .....	4.50
71	W. F. Gratrix, harness repairs .....	11.00
72	John E. Leddy, shoeing .....	4.00
73	Express, etc. ....	3.83
74	A. & H. G. Hammett, lumber .....	1.58
75	Remington Ward, printing .....	7.50



## REPORT OF STREET COMMISSIONER

79

76	Richard F. Walsh, watering cart repairs, etc. ....	20.50
77	City Sealer, testing scales .....	1.50
78	Walworth Mfg. Co., valves .....	2.46
	Pay rolls .....	1911.84
		\$6556.33

## March.

79	McKiernan Drill Company, steam hose .....	\$20.25
80	Farrell Foundry & Machine Co., bucket bolts .....	5.00
83	James McBride, liniment & horse medicine .....	10.00
82	Walworth Manufacturing Company, packing .....	3.44
84	Newport Gas Light Co., gas .....	1.98
85	Phineas C. Clark, watering cart repairs .....	6.00
86	N. Y., N. H. & H. R. R. Co., cinders .....	25.00
87	Ward Printing Co., printing .....	10.75
88	G. H. Bloom, watering cart repairs .....	3.85
89	Newport Paper & Grocery Co., toilet .....	.84
90	William O. Glazier, cleaning & repairing clock .....	1.00
91	John J. Connell, kerosene .....	7.50
92	James J. Dugan, garbage .....	405.65
93	George T. King, labor at dump .....	54.00
94	Cornelius Harrington, labor at dump .....	54.00
95	E. S. Peckham, fuel .....	76.06
96	Newport Engineering Works, packing, etc. ....	5.11
97	S. W. Coggeshall, shovels, pick handles, etc. ....	23.65
98	Alex N. Barker & Co., joist .....	.27
99	Chas. S. Goddard, roller & cart repairs .....	9.15
100	The Peckham Co., hose, etc. ....	10.00
101	Ralph R. Barker, paint, etc. ....	19.73
102	George Stanhope, salt, etc. ....	.55
103	J. B. F. Smith & Co., oil, etc. ....	7.50
104	Dring & Smith, lead & putty .....	3.30
105	J. D. Johnston, pattern, etc. ....	3.55
106	George H. Carr, time books, etc. ....	4.00
107	Simon Hart, office supplies .....	4.90
108	James P. Taylor, overalls .....	1.00
109	James S. Ramloss, rubber boots .....	3.65
110	H. L. DeBlois, street hose .....	18.00
111	Dennis Shanahan, forage .....	162.61
112	Henry Biesel & Son, stable supplies .....	2.75
113	Downing Brothers, linseed oil, etc. ....	1.00
114	W. F. Gratrix, harness repairs .....	.52
115	C. F. D. Fayerweather, hoop, etc. ....	.50
116	Peter F. Clark & Co., shoeing .....	4.50
117	M. Kennedy, shoeing .....	4.00
118	Shreenan & Sullivan, shoeing .....	2.25
119	George W. Callahan, shoeing .....	3.25
120	George W. Ritchie, rep. harness .....	2.50
121	George A. Weaver Company, shovels, pails, etc. ....	16.10
122	John M. Friend, cement .....	26.35
123	M. F. Shea, cart repairs .....	59.00
124	F. E. Pitts Mfg. & Supply Co., lace, etc. ....	30.90
125	Newport Foundry & Machine Corp., babbitt, etc. ....	33.59
126	W. B. Scott & Co., rakes, etc. ....	4.00
127	Richard F. Walsh, cart repairs .....	4.90
128	City Treasurer, stamped envelopes .....	10.92

124	S. T. H. Allman, office supplies .....	2.00
130	Express freight & Stramps .....	5.44
131	N. Y. N. H. & H. R. R. Co., freight .....	.39
132	McKiernan Drill Co., steam chest complete .....	15.04
133	Walsh Brothers, linoleum .....	90.75
134	Old Colony Street Railway Co., cinders .....	12.50
135	Daniel Beard shoeing .....	4.50
	Pay rolls .....	2950.25

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 \$10853.29

## April.

136	John M. Fend, cement .....	15.50
137	Providence Telephone Co., telephone rent .....	22.00
138	Dr. F. deM. Bertram, vet. services .....	4.00
139	George A. Veaver Co., shovel, fork, etc. ....	4.55
140	Wm. K. Connel, pipe, oil cans, etc. ....	4.11
141	McKiernan Drill Co., feed cut .....	3.00
142	S. T. H. Allman, office supplies .....	3.50
143	James H. Hart, spouts for watering carts .....	6.00
144	J. J. Connell, kerosene .....	15.00
145	J. L. & H. K. Potter, rubber hose .....	25.20
146	Remington Ward, printing .....	7.00
147	James J. Dugan, garbage .....	405.65
148	George T. King, labor at dump .....	52.00
149	Cornelius Harrington, labor at dump .....	52.00
150	City Sealer, adjusting scales at crusher .....	3.00
151	The Fairbanks Co., splices lever & hinges for scale ..	33.50
152	A. & H. G. Hammett, lumber .....	33.36
153	Alex J. Fludder, pipe .....	60.80
154	E. S. Peckham, fuel .....	239.53
155	Ralph H. Barker, oil, etc. ....	3.18
156	S. W. Coggeshall, oiler, screws, etc. ....	2.17
157	Downing Brothers, sulphur .....	.25
158	W. H. Scott & Co., brooms, shovels, etc. ....	104.75
159	The Peckham Co., oil .....	53.52
160	Alex N. Barker & Co., lumber .....	2.34
161	J. M. K. Southwick, dynamite, etc. ....	64.46
162	Wright Brothers, bronzite, etc. ....	22.00
163	Dring & Smith, oil .....	3.10
164	Newport Foundry & Machine Corp., rep. boiler at crusher .....	9.65
165	John E. Luddy, shoeing .....	4.00
166	Shoeman & Sullivan, shoeing .....	4.50
167	George W. Callahan, shoeing .....	6.50
168	M. Kennedy, shoeing .....	4.50
169	Peter T. Clark & Co., shoeing .....	4.50
170	Dennie Shanahan, forage .....	134.78
171	J. G. Stevens, forage .....	62.30
172	H. B. Lawton, stable supplies .....	7.70
173	George W. Ritchie, stable supplies .....	10.10
174	C. E. D. Payne, weather, earl repairs, etc. ....	3.05
175	George H. Chen, office supplies .....	4.74
176	J. J. Dugan, gravel .....	41.68
177	Daniel Beard shoeing .....	4.50
178	Wm. P. Clark, office supplies .....	2.00

## REPORT OF STREET COMMISSIONER

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179	R. B. Wilson Jr., rep. Broadway fountain .....	20.38
180	F. E. Fitts Mfg. & Supply Co., belt dressing & grease .....	20.10
181	Clinton Point Stone Co., stone .....	1172.50
182	Daniel Sullivan, discharging stone .....	180.90
183	John F. Sullivan, cartage crushed stone .....	274.30
184	J. Stacy Brown, stone .....	68.38
185	Express .....	6.20
	Pay rolls .....	5256.87

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 \$19402.99

## May.

186	James J. Dugan, gravel .....	116.33
187	George F. Blake Mfg. Co., valves, etc. ....	5.14
188	Newport Water Works, faucet .....	1.60
189	Newport Paper and Grocery Co., toilet .....	.84
190	Perrin, Seamans and Co., tar kettle .....	130.00
191	Providence Telephone Co., toll call .....	1.15
192	A. & H. G. Hammett, lumber and screws.....	6.76
193	Boston & Lockport Block Co., supplies for pump ....	4.55
194	Old Colony Street Railway Co., cinders .....	2.50
195	Clinton Point Stone Co., stone .....	879.55
196	Daniel Sullivan, discharging stone .....	135.70
197	James J. Dugan, garbage .....	405.65
198	George T. King, labor at dump .....	52.00
199	Cornelius Harrington, labor at dump .....	52.00
200	Robeson Process Co., glutrin .....	72.32
201	Wm. K. Covell, watering pot, etc. ....	2.40
202	Boston and Lockport Block Co., supplies for pump ....	.95
203	Harold L. Bond Co., jaw for bolt cutter .....	.82
204	Walworth Manufacturing Co., pipe die .....	.57
205	John J. Connell, kerosene .....	22.50
206	E. S. Peckham, fuel .....	245.93
207	Charles S. Goddard, cart repairs, etc. ....	11.40
208	Phineas Clark, repairing carts .....	16.75
209	Wm. B. Scott & Co., padlock, etc. ....	.50
210	Alex. J. Fludder, pipe .....	58.96
211	J. M. K. Southwick, dynamite, etc. ....	37.30
212	John M. Friend, cement .....	27.90
213	Jacob Mohr, sharpening tools .....	2.25
214	C. F. D. Fayerweather, sharpening tools, etc. ....	2.00
215	S. W. Coggeshall, hammer, etc. ....	.85
216	George A. Weaver Co., scoop, etc. ....	1.75
217	The Peckham Co., oil .....	7.68
218	Est. M. Brotherson, sharpening tools .....	2.25
219	Downing Brothers, sulphur .....	1.00
220	Ralph R. Barker, paint .....	2.55
221	D. E. Sullivan, pails, etc. ....	2.40
222	Newport Foundry & Machine Corp., packing, etc. ....	3.51
223	George Stanhope, borax .....	.30
224	Dennis Shanahan, forage .....	32.55
225	J. G. Stevens, forage .....	120.55
226	M. Kennedy, shoeing .....	7.50
227	George W. Callahan, shoeing .....	4.26
228	P. F. Clark & Co., shoeing .....	4.50
229	John E. Leddy, shoeing .....	4.75



230	Daniel Beard, shoeing .....	4.50
231	Shreenan & Sullivan, shoeing .....	4.50
232	O. R. Braman, stable supplies .....	7.90
233	W. F. Gratrix, repairing harness .....	.50
234	Dudley P. Bacheller, watering cart repairs .....	10.85
235	Buffalo Steam Roller Co., oil cups, etc. ....	10.50
236	Alex. N. Barker & Co., bricks .....	4.00
237	McKiernan Drill Co., bushing .....	2.18
238	Express, etc. ....	15.87
239	John F. Sullivan, cartage crushed stone .....	467.34
240	J. Stacy Brown, stone .....	96.01
	Pay Rolls .....	6996.53

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 \$29,516.39

## June.

241	John S. Lamson, Jr., dustoline .....	\$595.81
242	The Congdon & Carpenter Co., spelter .....	5.33
243	F. E. Fitts Mfg. & Supply Co., waste .....	43.65
244	A. & H. G. Hammett, lumber .....	21.22
245	James H. Hart, repairing pump .....	2.00
246	J. D. Johnston, lumber .....	1.02
247	Richard F. Walsh, rep, carts .....	6.25
248	Newport Gas Light Co., gas .....	.11
249	N. Y., N. H. & H. R. R. Co., freights .....	97.05
250	James J. Dugan, garbage .....	405.65
251	George T. King, labor at dump .....	52.00
252	Cornelius Harrington, labor at dump .....	52.00
253	George A. Weaver Co., scythes, mower, etc. ....	11.94
254	Buffalo Steam Roller Co., solid oil .....	10.50
255	N. Y., N. H. & H. R. R. Co., freights .....	97.51
256	American Brake Shoe & Foundry Co., segments, etc..	71.20
257	William B. Scott & Co, curb line, etc. ....	3.77
258	Dudley P. Bacheller, shaft, etc. ....	2.45
259	Daniel Beard, shoeing .....	4.50
260	James J. Dugan, gravel .....	78.47
261	Newport Foundry & Machine Corp., babbitt, etc. ....	8.44
262	J. J. Connell, kerosene .....	22.50
263	A. R. O'Hanley, oatmeal .....	1.60
264	D. E. Sullivan, pail .....	.50
265	James H. Hart, dippers .....	2.00
266	M. Kennedy, shoeing .....	7.50
267	George W. Callahan, shoeing .....	7.20
268	H. H. Lawton, harness repairs, etc. ....	14.00
269	J. G. Stevens, forage .....	221.95
270	H. Biesel & Son, pads .....	.85
271	Peter F. Clark & Co., shoeing .....	4.50
272	Shreenan & Sullivan, shoeing .....	7.59
273	E. S. Peckham, fuel .....	327.69
274	S. W. Coggeshall, poultry netting, etc. ....	19.07
275	Charles S. Goddard, sharpening tools, etc. ....	11.65
276	Est. M. Brotherson, filing saws .....	.50
277	Newport Water Works, erecting standpipe .....	17.73
278	The Peckham Co., oils .....	44.48
279	John M. Friend, cement .....	46.50
280	Downing Brothers, carron oil, etc. ....	1.50

281	Barker Brothers & Co., pipe .....	2.70
282	J. M. K. Southwick, dynamite, etc. ....	67.00
283	Jacob Mohr, sharpening tools .....	1.58
284	F. E. Fitts Mfg. & Supply Co., rainbow packing, etc. ..	18.27
285	M. F. Shea, grating for fountain, etc. ....	56.39
286	John F. Sullivan, cartage crushed stone .....	732.95
287	J. Stacy Brown, stone .....	154.01
288	Freights, etc. ....	1.20
289	John S. Lamson, Jr., dustoline .....	586.74
	Pay Rolls .....	9774.77

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 \$43,244.18

## July.

290	A. & H. G. Hammett, lumber, etc. ....	25.04
291	New England Navigation Co., steel, etc. ....	60.37
292	Providence Telephone Co., telephone rent, etc. ....	23.90
293	N. Y., N. H. & H. R. R. Co., demurrage .....	7.00
294	Sampson & Murdock Co., directory .....	2.00
295	Remington Typewriter Co., adjusting typewriter .....	.75
296	George H. Carr, office supplies .....	2.18
297	Newport Paper & Grocery Co., oatmeal, etc. ....	4.84
298	S. T. H. Ailman, office supplies .....	1.95
299	F. E. Fitts Mfg. & Supply Co., belt dressing .....	15.00
300	Clinton Point Stone Co., stone .....	684.08
301	James J. Dugan, garbage .....	405.65
302	George T. King, labor at dump .....	54.00
303	Cornelius Harrington, labor at dump .....	54.00
304	R. B. Wilson, Jr., rubber el .....	.75
305	George A. Weaver Co., feeders, etc. ....	4.00
306	Stephen L. Goddard, rep. fountain .....	8.41
307	Harry L. DeBlois, hoes .....	12.00
308	Daniel Sullivan, discharging stone .....	105.54
309	J. J. Connell, kerosene .....	30.00
310	J. D. Johnston, turning .....	.40
311	Est. M. Brotherson, rep. plumbrule, etc. ....	.75
312	Charles S. Goddard, rep. carts, etc. ....	6.95
313	A. R. O'Hanley, oatmeal .....	2.00
314	George W. Callahan, shoeing .....	7.51
315	John E. Leddy, shoeing .....	9.75
316	Peter F. Clark & Co., shoeing .....	4.50
317	M. Kennedy, shoeing .....	5.35
318	Daniel Beard, shoeing .....	7.25
319	Shreenan & Sullivan, shoeing .....	4.50
320	J. G. Stevens, forage .....	196.68
321	H. Biesel & Son, stable supplies .....	6.15
322	E. S. Peckham, fuel .....	257.56
323	S. W. Coggeshall, shovels, etc. ....	20.41
324	M. F. Shea, rep. carts .....	43.95
325	Wm. B. Scott & Co., hose, etc. ....	12.00
326	Newport Foundry and Machine Corp., packing, etc. ..	5.83
327	John M. Friend, cement and pipe .....	17.30
328	Dudley P. Bacheller, rep. watering cart .....	2.00
329	Wm. A. Maher, rep. watering cart .....	4.00
330	C. F. D. Fayerweather, sharpening tools, etc. ....	2.40
331	The Peckham Co., oils .....	20.59

332	J. M. K. Southwick, dynamite, etc.	47.50
333	Jas. H. Hart, rep. pipe, etc.	1.00
334	James P. Taylor, oil jacket	1.00
335	George H. Carr, office supplies	4.50
336	Simon Hart, office supplies	3.25
337	Wm. K. Covell, brush, etc.	.49
338	Cornelius Harrington, labor at dump	11.09
339	John F. Sullivan, cartage crushed stone	562.62
340	J. Stacy Brown, stone	130.56
341	James J. Digan, gravel	57.20
342	John O. Kennell, pair horses	650.00
343	Union Stamp Works, stamp pads and ink	.80
344	Ward Printing Co., printing	10.00
345	Alex. J. Fiddler, pipe	.80
346	Wm. H. Cotton Pharmacy, kunkine	.75
	Pay Rolls	8581.46
		<hr/>
		\$55,446.31

## August.

347	John S. Lamson, Jr., dustoline	577.71
348	J. L. & H. K. Potter, attachments for watering carts	54.74
349	A. & H. G. Hammett, lumber, etc.	20.75
350	Newport Foundry and Machine Corp., washers, etc.	1.65
351	Newport Paper & Grocery Co., oatmeal	4.00
352	James Openshaw Co., pipe	2.50
353	New England Navigation Co., smoke-stack	11.25
354	N. Y. N. H. & H. R. R. Co., freight and demurrage	61.27
355	George A. Weaver Co., oil can, etc.	.98
356	Dr. C. Horseman, vet. services	2.00
357	Daniel Beard, shoeing	3.50
358	J. J. Connell, kerosene	7.50
359	James J. Digan, garbage	405.65
360	George T. King, labor at dump	52.00
361	Cornelius Harrington, labor at dump	61.00
362	Wm. E. Scott & Son, brooms, etc.	88.50
363	Wm. F. Grattan, rep. harness	11.00
364	Wm. H. Cotton Pharmacy, kunkine	.75
365	Wm. K. Covell, oil can	.65
366	George H. Carr, time books	3.00
367	Dudley B. Bacheller, rep. wagon	17.79
368	Express	4.30
369	E. S. Peckham, fuel	269.99
370	John E. Bailey, shoeing	4.50
371	P. F. Clark & Co., shoeing	4.50
372	Shreehan & Sullivan, shoeing	4.50
373	M. Kennedy, shoeing	5.00
374	J. G. Stevens, forage	213.25
375	O. R. Brannan, stable supplies	22.60
376	J. M. K. Southwick, dynamite, etc.	61.06
377	A. R. O'Hanley, oatmeal	2.40
378	The Peckham Co., oils	37.80
379	Charles S. Goddard, sharpening tools	6.65
380	George W. Callahan, shoeing	8.82
381	John M. Friend, cement, etc.	18.70
382	Harry L. DeBois, shoes	12.00



383	James J. Dugan, gravel .....	74.38
384	John F. Sullivan, cartage crushed stone .....	362.41
385	J. Stacy Brown, stone .....	93.60
386	S. W. Coggeshall, scoop, etc. ....	5.50
387	D. E. Sullivan, pail, etc. ....	.35
388	M. F. Shea, rep. watering cart, etc. ....	56.70
389	Wm. P. Clarke, ink, etc. ....	1.00
390	Buffalo Steam Roller Co., grease, etc. ....	13.50
	Pay Rolls .....	10,549.01

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\$68,667.02

## September.

391	Barrett Mfg. Co., tarvia .....	\$1429.70
392	Newport Paper & Grocery Co., toilet .....	.84
393	Newport Foundry & Machine Corp., making bolts, etc. ....	11.61
394	Old Colony Street Railway Co., cinders .....	1.25
395	J. L. & H. K. Potter, gears .....	4.48
396	F. E. Fitts Mfg. & Supply Co., belt dressing .....	15.00
397	Ward Printing Co., printing .....	.75
398	McKiernan Drill Co., bolts .....	4.80
399	N. Y., N. H. & H. R. R. Co., freight .....	45.37
400	George W. Ritchie, stable supplies .....	14.00
401	James J. Dugan, garbage .....	405.65
402	George T. King, labor at dump .....	52.00
403	Cornelius Harrington, labor at dump .....	52.00
404	The H. L. Marsh Co., forage .....	196.95
405	George H. Carr, letter book .....	1.50
406	George W. Callahan, shoeing .....	6.50
407	Daniel Beard, shoeing .....	3.50
408	Shreenan & Sullivan, shoeing .....	4.50
409	P. F. Clark & Co., shoeing .....	5.25
410	John E. Leddy, shoeing .....	4.50
411	M. Kennedy, shoeing .....	5.00
412	E. S. Peckham, fuel .....	240.78
413	J. M. K. Southwick, dynamite, etc. ....	43.50
414	S. W. Coggeshall, screws, etc. ....	1.42
415	Simon Hart, office supplies .....	1.50
416	The Peckham Co. ....	8.16
417	A. R. O'Hanley, oatmeal .....	2.40
418	J. D. Johnston, lumber .....	.45
419	Est. M. Brotherson, filing saws .....	2.25
420	Dudley P. Bacheller, rep. tip cart, etc. ....	44.15
421	Charles S. Goddard, sharpening tools, etc. ....	2.80
422	C. F. D. Fayerweather, sharpening tools, etc. ....	2.25
423	A. & H. G. Hammett, lumber .....	11.71
424	John M. Friend, cement .....	15.50
425	J. J. Dugan, gravel .....	77.62
426	John F. Sullivan, cartage crushed stone .....	466.83
427	J. Stacy Brown, stone .....	111.16
428	J. J. Connell, kerosene .....	15.00
429	M. F. Shea, rep. carts, etc. ....	11.80
430	J. R. Chase, tire .....	10.50
	Pay Rolls .....	7635.13

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\$79,637.13

## October.

431	John F. Keeley, horse hire .....	22.00
432	George A. Weaver Co., lampblack, etc. ....	1.90
433	S. T. H. Allman, envelopes .....	5.00
434	Newport Gas Light Co., pipe .....	11.00
435	James H. Hart, rep. pump .....	1.00
436	J. J. Connell, kerosene .....	15.00
437	Newport Foundry & Machine Co., gauge glasses .....	.50
438	James J. Dugan, garbage .....	405.65
439	George T. King, labor at dump .....	52.00
440	Cornelius Harrington, labor at dump .....	52.00
441	Daniel Beard, shoeing .....	7.13
442	P. F. Clark & Co., shoeing .....	4.50
443	Shreenan & Sullivan, shoeing .....	4.75
444	George W. Callahan, shoeing .....	7.21
445	M. Kennedy, shoeing .....	2.50
446	E. S. Peckham, fuel .....	190.07
447	J. M. K. Southwick, dynamite, etc. ....	10.15
448	S. W. Coggeshall, shovels, etc. ....	12.21
449	The Peckham Co., oils, etc. ....	46.00
450	The H. L. Marsh Co., forage .....	182.60
451	R. R. Barker, graphite, oil, etc. ....	9.75
452	J. D. Johnston, lumber .....	1.32
453	John M. Friend, cement, etc. ....	56.43
454	Alex. J. Fludder, pipe .....	1.20
455	J. R. Chase, tire .....	10.50
456	A. & H. G. Hammett, lumber .....	16.50
457	John Gillies, tar kettle hire .....	25.00
458	Jas. Corrigan, cutting down tree .....	35.00
459	H. H. Lawton, stable supplies .....	8.60
460	Wm. H. Cotton Pharmacy, iodine .....	.20
461	Express and stamps .....	9.10
462	John E. Leddy, shoeing .....	4.50
463	Wm. B. Scott & Co., brooms, etc. ....	37.10
464	John F. Sullivan, cartage crushed stone .....	408.58
465	J. Stacy Brown, stone .....	89.96
466	James J. Dugan, gravel .....	29.81
467	J. K. Sullivan, gasoline and use of lighter .....	173.55
468	Barrett Mfg. Co., tarvia .....	179.45
	Pay Rolls .....	6722.82

\$88,489.67

## November.

469	Remington Ward, paper .....	3.50
470	George A. Weaver Co., globes, etc. ....	2.40
471	Thomas G. Owen, auto supplies and repairs .....	352.14
472	Barrett Mfg. Co., freight on empty barrels .....	12.05
473	Max David, pipe, etc. ....	5.50
474	James P. Taylor, oil suits .....	12.00
475	Newport Foundry and Machine Corp., gaskets, etc. ..	1.58
476	George G. Popple, rubber boots .....	18.00
477	Robert S. Gash, rubber boots .....	18.00
478	Wm. K. Covell, watering pot .....	1.00
479	Providence Telephone Co., telephone rent .....	22.00
480	Newport Paper & Grocery Co., toilet .....	.84



## REPORT OF STREET COMMISSIONER

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481	A. R. O'Hanley, oatmeal .....	1.20
482	Dudley P. Bacheller, rep. carts .....	2.25
483	Stephen L. Goddard, rep. fountain .....	23.58
484	James J. Dugan, garbage .....	405.65
485	Cornelius Harrington, labor at dump .....	52.00
486	George T. King, labor at dump .....	52.00
487	John F. Sullivan, cartage crusher stone .....	61.26
488	J. Stacy Brown, stone .....	11.76
489	Joseph P. Cotton, crushed stone .....	26.57
490	George H. Carr, office supplies .....	4.05
491	Alex. J. Fludder, pipe .....	2.80
492	Charles A. Manchester, oatmeal, etc. ....	1.20
493	Wm. B. Scott & Co., broom .....	.50
494	The H. L. Marsh Co., forage .....	190.74
495	J. K. Sullivan, towing scow .....	50.00
496	Pinniger & Manchester, barge hire .....	40.00
497	Jas. S. Ramlose, rubber boots .....	18.00
498	J. M. K. Southwick, rope, etc. ....	23.75
499	Barker Bros. & Co., valve, etc. ....	1.79
500	S. W. Coggeshall, scoops, nails, etc. ....	6.40
501	A. & H. G. Hammett, lumber .....	29.71
502	E. S. Peckham, fuel .....	24.10
503	N. Y., N. H. & H. R. R. Co., cinders .....	46.00
504	John M. Friend, cement .....	7.75
505	C. E. Clarke, filing saws .....	2.00
506	Simon Hart, scale book .....	1.00
507	Henry Biesel & Son, stable supplies .....	9.10
508	Wm. H. Cotton Pharmacy, Pond's Extract .....	.90
509	Wm. F. Gratrix, rep. cushions, etc. ....	1.85
510	M. Kennedy, shoeing .....	5.00
511	P. F. Clark & Co., shoeing .....	4.50
512	Shreenan & Sullivan, shoeing .....	2.25
513	George W. Callahan, shoeing .....	4.75
514	Daniel Beard, shoeing .....	4.50
515	M. F. Shea, rep. carts .....	6.75
516	E. S. Peckham, weighing gravel and crushed stone ...	18.40
517	James J. Dugan, gravel .....	13.89
518	S. T. H. Ailman, office supplies .....	1.60
519	J. Burdick, gasoline for motor cycle .....	14.70
520	S. B. Gladding, gasoline for motor cycle .....	13.50
521	Newport Water Works, plugs .....	.20
	Pay Rolls .....	5346.16

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\$95,472.79

## December.

522	Remington Ward, blank books .....	\$27.00
523	James J. Dugan, garbage .....	661.85
524	George T. King, labor at dump .....	54.00
525	Cornelius Harrington, labor at dump .....	54.00
526	Newport Gas Light Company, gas .....	.11
527	H. L. Marsh & Company, forage .....	90.63
528	Shreenan & Sullivan, shoeing .....	4.50
529	John R. Leddy, shoeing .....	4.50
530	George W. Callahan, shoeing .....	4.75
531	P. F. Clark & Company, shoeing .....	.50

532	O. R. Braman, bit, etc. ....	3.45
533	H. H. Lawton, whip .....	.75
534	George A. Weaver Company, forks .....	2.00
535	Ralph R. Barker, oil, etc. ....	12.10
536	Edward S. Peckham, fuel .....	13.60
537	George H. Stanhope, soap .....	4.15
538	Alex. J. Fludder, pipe .....	1.80
539	A. & H. G. Hammett, lumber .....	26.69
540	John M. Friend, cement .....	7.75
541	Wm. B. Scott & Company, oak pails .....	1.70
542	The Peckham Company, princess metallic .....	.75
543	James J. Dugan, gravel .....	20.90
544	Robert A. Smith, concrete on sidewalk .....	11.20
545	S. W. Coggeshall, staples and rings .....	.39
546	Red Key Store, cylinder complete with key .....	3.00
547	Patrick J. Morgan, dirt .....	1.50
548	Charles S. Goddard, sharpening tools, etc. ....	3.15
	Pay Rolls .....	2075.75
		<hr/>
		\$98,565.26

## COMPARATIVE STATEMENT OF FUEL CONSUMED BY DEPARTMENT

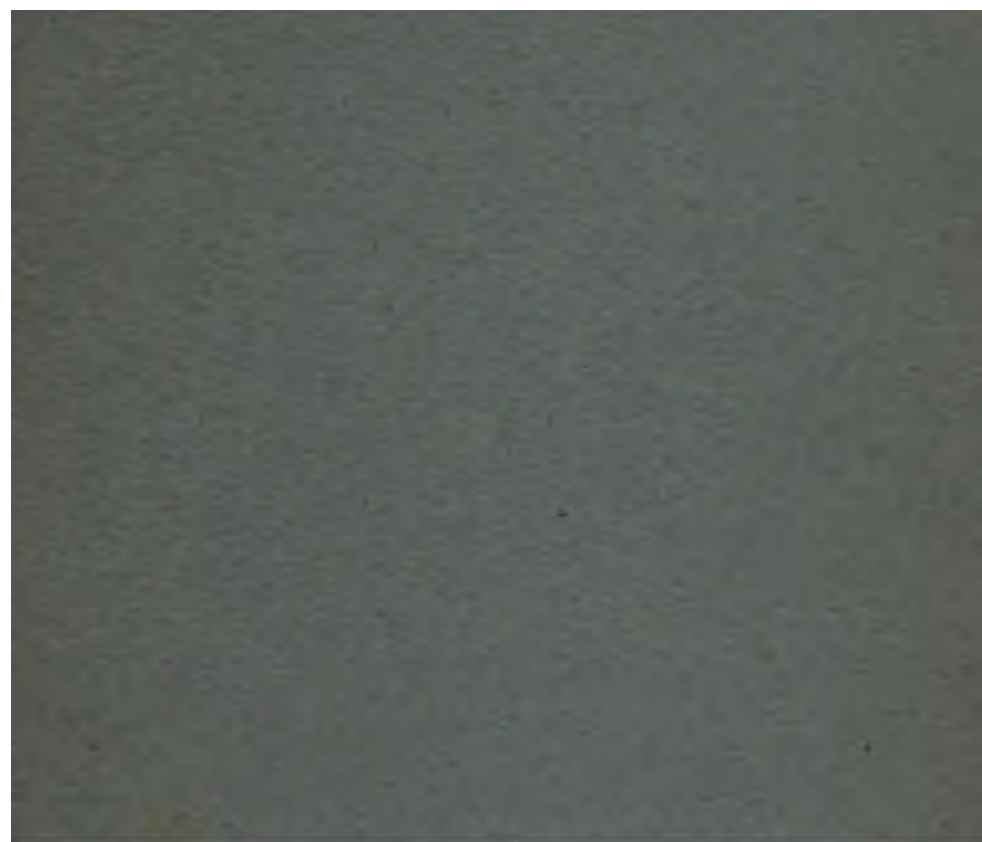
	1907			1908			1909		
	Tons	Cds.	Cost	Tons	Cds.	Cost	Tons	Cds.	Cost
Cumberland lump coal @ 8.23	139-1000		1,139 88	107-600		879 94	1000		4 10
Cumberland lump coal @ 8.20							142 1020		751 33
Cumberland coal @ 5.25							104		707 20
Egg coal @ 6.80	110-320		749 00	80-		540 00	2-		13 50
Egg coal @ 6.75							17 144		116 03
Stove coal @ 6.80	22-945		159 92	25 1400		172 78	10		67 50
Stove coal @ 6.75					21%	186 14			
Wood @ 8.50		25%	220 02					1	10 75
Wood @ 10.75								28	250 34
Wood @ 9.25					2	17 23		1/4	2 81
Wood (4 cut)									
	272-265	25%	\$2,268 91	213-	23%	\$1,700 00	275 1104	20 1/4	\$1,032 50

## **Eleven Horses.**

[illegible]











# Annual Report of the Street and Highway Department

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City of Newport, Rhode Island  
Municipal Year of 1910 ~ ~ ~

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# ANNUAL REPORT

OF THE

★ Street Commissioner

OF THE

CITY OF NEWPORT

RHODE ISLAND

1910

J. K. SULLIVAN,  
Street Commissioner  
F. M. SISSON,  
Clerk





# Annual Report of the Street Commissioner

December 31, 1910.

To the Honorable Representative Council of the City of Newport :

Gentlemen :—I have the honor of submitting the following report of the operations of the Department of Streets and Highways for the municipal year of 1910.

## STATISTICS

This office has carefully prepared and revised the following statistics from the records of the department, viz :

Streets.		Mileage
Granite block pavement.....		1.69
Bitulithic and Granite block pavement.....		1.56
Telford macadam.....		15.35
Macadam.....		40.55
Tarvia-macadam.....		2.24
Tarvia.....		1.72
Cobble.....		.51
Dirt.....		27.05
Total.....		90.67
Sidewalks.		
Granolithic.....		16.657
Granolithic & dirt.....		.705
Flagstone.....		2.598
Flagstone & cobble.....		.145
Flagstone & dirt.....		1.428
Brick.....		2.898
Asphalt.....		.644
Asphalt block.....		.485
Plank.....		.313
Dirt.....		88.334
Total.....		114.207

	10
	2
	32
100.	40
	14
	1
	57

#### **Sewers.**

	36
	4
	1
	44

#### **City Wharf.**

The wharf on City Wharf has been raised to grade by the Town of Providence, for the sum of one hundred dollars, by securing, floor beams and other necessary material under contract with Mr. Theobald for one hundred and fifty dollars. A new concrete pier has been placed on the office building, and altered the water and gas piping; and the sewerage system repaired, all at an expense of \$38.73. The cost of the stable and other buildings, from 1900 to 1901, was \$504.67; total expenditure, \$543.40; \$100.00, plus increase wages, \$443.40, to cover the cost of the above improvements, to draw upon the Emergency fund.

Attention to the City Stable will result in the erection of a new modern building, and the improvement of the department.

**Horses and Carts.**

Although an appropriation of \$750.00 was made this year for the purchase of horses, we were not obliged to spend the money. Next year I think it would be wise to purchase a new pair of horses for the Catch Basin cart; the present pair of horses, which belong to this cart, are about twenty years old, and their days of usefulness are about over.

Again this year the Chief of the Fire Department has kindly loaned a horse for his "keep," but he failed to keep up the pace and was sold at auction the latter part of the season, by the Fire Department.

The permanent employees of the department repair and re-paint the carts and gears during the winter months.

**Removal of Snow and Ice.**

During the past year there have been many heavy snow falls and the cost of cleaning and removal of this material was considerable more than last year.

The total cost this year being \$3,363.95 is \$2,559.41 in excess of last season.

This office has prepared the following table, which will give you the cost of the removal of snow for the past ten years, viz :

1901 .....	\$1,078 70
1902 .....	2,967 17
1903 .....	8,049 79
1904 .....	1,860 55
1905 .....	2,752 04
1906 .....	620 42
1907 .....	4,087 16
1908 .....	1,680 76
1909 .....	804 54
1910 .....	3,363 95
Total .....	\$27,265 08

This makes an average cost per year for the past ten years of \$2,726.50. It is very difficult to estimate the cost of removing snow, as you can clearly see by referring to the above table. In 1903 the cost was over \$8,000 and in 1906 a little more than \$600.

5

### Removal of Sugar.

Hired		Total	
Years	Loose	Yds.	Loose
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9
10	10	10	10
11	11	11	11
12	12	12	12
13	13	13	13
14	14	14	14
15	15	15	15
16	16	16	16
17	17	17	17
18	18	18	18
19	19	19	19
20	20	20	20
21	21	21	21
22	22	22	22
23	23	23	23
24	24	24	24
25	25	25	25
26	26	26	26
27	27	27	27
28	28	28	28
29	29	29	29
30	30	30	30
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32	32	32	32
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34	34	34	34
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37	37	37	37
38	38	38	38
39	39	39	39
40	40	40	40
41	41	41	41
42	42	42	42
43	43	43	43
44	44	44	44
45	45	45	45
46	46	46	46
47	47	47	47
48	48	48	48
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50	50	50	50
51	51	51	51
52	52	52	52
53	53	53	53
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69	69	69	69
70	70	70	70
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74	74	74	74
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90	90	90	90
91	91	91	91
92	92	92	92
93	93	93	93
94	94	94	94
95	95	95	95
96	96	96	96
97	97	97	97
98	98	98	98
99	99	99	99
100	100	100	100

### Stress Training

...to the permanent pavement ...  
...until November 26<sup>th</sup>,  
...the winter.  
...habited part of the city ... and  
...streets. These last two gam ...  
...feeding, etc. One secti ...  
...summer. The total number ...  
...1881  
...throughout the year except ...  
...are covered with snow.



This office has originated and adopted a new card index system for keeping tabulation upon the street cleaning so that we can find in an instant when and how often any street has been cleaned. A record is also kept on the cards as to the length and area of each street. The following is the total amount of street cleaning, and the cost of same.

**Cleaning Streets—Season 1910.**

Permanent Pavements	Miles	Sq. Yds.	Cost
<b>Broadway &amp; Washington Sq.</b> .....	255.1	8,547,905	\$2,001 60
<b>Long Wharf</b> .....	144.6	1,739,013	839 44
<b>Spring Street</b> .....	713.2	8,981,300	2,210 46
<b>Thames Street</b> .....	795.9	10,233,153	6,072 56
<b>Totals</b> .....	1,908.8	29,501,371	\$11,124 06
<b>All other streets</b> .....	1,032.6	16,638,353	18,382 70
	2,941.4	46,139,724	\$29,506 76

**Collection and Disposal of City Garbage.**

This is the fourth year that the garbage has been collected under contract with Mr. James J. Dugan.

As the present contract will expire on the first Monday in January, 1912, I would suggest that some action be taken by your Honorable Body, some time during next year, whereby this matter will be adjusted and disposed of, giving time for a new contractor to prepare himself, in case the present contractor is not the successful bidder, or in case he should decide not to bid.

I would recommend that the City purchase a full equipment, and that the collection of garbage be performed by this department. I am confident that the result would be more satisfactory.

Seventy-four (74) complaints have been made this year, which were adjusted by the contractor.

During the year the garbage has been delivered at Halsey street, Anthony's Ledge, Wellington Avenue and a lot between Simmons street and Wellington avenue. On December 21st, I authorized and directed the contractor to dump the garbage at Wellington Avenue Wall, which has just been built. Dumping accommodations are getting more scarce every year, especially in the lower part of the city, and it is only a question of time when some other method will have to be adopted to dispose of the city garbage.



wearing out very fast with age and the constant handling they receive.

These plats are very valuable records and should be preserved. I therefore recommend that those plats that are in fairly good condition be backed up with some kind of cloth ; the others, which are in very poor condition, to be replaced. All sewer plats drafted for the past two years are of good linen paper and very durable.

#### Watering Streets.

Street watering commenced this year on April 21st and continued until October 24th, when we were requested by the Newport Water Works to shut down on account of the drought and very small water supply.

By more extensive use of Dustoline and other oils this past season, we were able to cut out the use of four carts, thereby reducing the cost of this class of dust laying

The total cost of watering this year was \$9,708.39; or about \$161.81 per mile watered during the season.

Although we cut off four of the carts, the past season has been so dry that the total watering days were only 245 less than last year. About sixty miles of streets are watered on an average of twice a day.

We take pleasure in submitting to your Honorable Body the following statistics of Street Watering, viz :

227 P. 2 FREE "IMMERSION NEW

Locals per day	Single Cart No. 10		Capacity 400 Gals.	
	Fresh	Salt	Fresh	Salt
	Gallons used per day	Gallons used per day	Fresh	Salt
April	87,000	87,000	49,406	400,400
May	218,500	218,500	100,000	1,000,000
June	293,126	293,126	142,000	1,009,141
July	104,688	104,000	170,44	9,447,406
Aug.	360,000	360,000	180,000	9,110,040
Sept.	300,250	300,250	191,965	1,869,000
Oct.	122,600	122,600	62,600	740,804
101-7	1,782,813	1,782,813	700,006	11,349,040

# REPORT OF STREET COMMISSIONER

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## STREET WATERING.

		Single Cart No. 14.		Capacity 350 Gals.					
		Loads per day—Fresh, 45; Salt, None.				Gallons used per day—Fresh, 15,750; Salt, None.			
		Totals.		Mileage of		Area of Streets Watered.			
		Gallons of Water Used.		Streets Watered.					
		Fresh	Salt	Total	Fresh	Salt	Total	Fresh	Salt
1910.	Days Wat'd								
May	4	63,000	.....	63,000	36.44	.....	36.44	436,952	.....
June	16-6	263,813	.....	263,813	148.04	.....	148.04	1,829,737	.....
July	23-1	364,219	.....	364,219	165.11	.....	165.11	1,918,450	.....
Aug.	20	315,000	.....	315,000	142.80	.....	142.80	1,659,200	.....
Sept.	17-4	275,625	.....	275,625	124.95	.....	124.95	1,451,800	.....
Oct.	7	110,250	.....	110,250	49.98	.....	49.98	580,720	.....
		88-3	1,391,907	1,391,907	667.32	.....	667.32	7,876,859	.....

## REPORT OF STREET COMMISSIONER

## STREET WATERING

Year.	Days Watered	Single Cart No. 16.		Capacity 300 Gals.		Gallons used per day		Fresh, In, Out, Salt, None	
		Fresh, In, Salt, None.		Totals.		Gallons of Water Used		Mileage of Streets Watered	
		Fresh	Salt	Total		Fresh	Total	Fresh	Total
April	5	78,750	.....	78,750	62.00	62.00	62.00	001,970	001,970
May	13	204,750	.....	204,750	186.20	186.20	186.20	1,707,002	1,707,002
June	16	263,813	.....	263,813	174.20	174.20	174.20	2,016,766	2,016,766
July	24	379,969	.....	379,969	170.84	170.84	170.84	2,410,087	2,410,087
Aug.	24	378,000	.....	378,000	176.92	176.92	176.92	2,404,404	2,404,404
Sept.	21	328,625	.....	328,625	167.00	167.00	167.00	2,169,000	2,169,000
Oct.	8	126,000	.....	126,000	58.64	58.64	58.64	801,400	801,400
	112-3	1,769,907	.....	1,769,907	980.40	980.40	980.40	12,681,305	12,681,305

# REPORT OF STREET COMMISSIONER

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## STREET WATERING.

Single Cart No. 16.

Capacity 350 Gals.

Loads per day—Fresh, 41; Salt, None.

Gallons used per day—Fresh, 14,350; Salt, None.

Totals.			Mileage of			Area of Streets Watered.		
Gallons of Water Used.			Streets Watered.					
1910.	Days Wat'd	Fresh	Salt	Total	Fresh	Salt	Total	Total
April	5	71,750	.....	71,750	40.70	.....	40.70	739,650
May	14	200,900	.....	200,900	113.96	.....	113.96	2,071,020
June	17-6	254,713	.....	254,713	104.37	.....	104.37	1,470,375
July	27-1	389,244	.....	389,244	159.50	.....	159.50	2,246,981
Aug.	25	338,750	.....	338,750	147.00	.....	147.00	2,070,950
Sept.	23	330,050	.....	330,050	135.24	.....	135.24	1,905,274
Oct.	8	114,800	.....	114,800	47.04	.....	47.04	662,704
	119-7	1,720,207	.....	1,720,207	747.81	.....	747.81	11,166,954

## REPORT OF STREET COMMISSIONER

## STREET WATERING.

		Single Cart No. 22.		Capacity 300 Gals.		Gallons used per day—Fresh, 12,600; Salt, None.	
		Fresh, 12,600; Salt, None.		Totals.			
		Gallons of Water Used.		Mileage of Streets Watered.		Area of Streets Watered.	
Month.	Days Watered.	Fresh	Salt	Total	Fresh	Salt	Total
April	5	63,000	.....	63,000	36.40	.....	36.40
May	13	170,100	.....	170,100	98.28	.....	98.28
June	17	214,200	.....	214,200	123.76	.....	123.76
July	23	289,800	.....	289,800	167.44	.....	167.44
Aug.	20	252,000	.....	252,000	145.60	.....	145.60
Sept.	17	220,500	.....	220,500	127.40	.....	127.40
Oct.	7	88,200	.....	88,200	50.96	.....	50.96
	103	1,297,800	.....	1,297,800	749.84	.....	749.84
					8,961.618	.....	8,961.618



## STREET WATERING.

Single Cart No. 23.

Capacity 800 Gals.

Loads per day—Fresh, 38; Salt, None.

Gallons used per day—Fresh, 11,400; Salt, None.

1910.	Days Wt'd	Totals.			Gallons of Water Used.			Mileage of Streets Watered.			Area of Streets Watered.		
		Fresh	Salt	Total	Fresh	Salt	Total	Fresh	Salt	Total	Fresh	Salt	Total
April	5	57,000	.....	57,000	39.60	.....	39.60	451,500	.....	451,500	.....	.....	451,500
May	13-4	153,900	.....	153,900	104.22	.....	104.22	1,219,050	.....	1,219,050	.....	.....	1,219,050
June	17	193,800	.....	193,800	131.24	.....	131.24	1,535,100	.....	1,535,100	.....	.....	1,535,100
July	23-1	263,625	.....	263,625	169.51	.....	169.51	1,960,861	.....	1,960,861	.....	.....	1,960,861
Aug.	20	228,000	.....	228,000	146.60	.....	146.60	1,695,880	.....	1,695,880	.....	.....	1,695,880
Sept.	21-4	245,100	.....	245,100	157.60	.....	157.60	1,823,071	.....	1,823,071	.....	.....	1,823,071
Oct.	8	91,200	.....	91,200	58.64	.....	58.64	678,352	.....	678,352	.....	.....	678,352
	108-1	1,232,625	.....	1,232,625	807.41	.....	807.41	9,363,814	.....	9,363,814	.....	.....	9,363,814

## REPORT OF STREET COMMISSIONER

## STREET WATERING

Period covered	Double Cart Hire 26		Capacity 6000 Gals		Gallons used per day		Fresh 40,000, Salt 4000	
	Total		Mileage of		Area of Streets Watered			
	Gallons of Water Used		Streets Watered					
	Per Cart	Total	Fresh	Salt	Total	Fresh	Salt	Total
April	5	150,000	140.16		140.16	2,422,840		2,422,840
May	13	390,000	364.80		364.80	6,598,604		6,598,604
June	16.6	502,500	212.80		212.80	3,808,804		3,808,804
July	23.1	693,750	298.00		298.00	4,432,471		4,432,471
Aug.	20	600,000	258.00		258.00	3,834,840		3,834,840
Sept.	17.4	525,000	221.00		221.00	3,846,755		3,846,755
Oct.	7	210,000	88.76		88.76	1,608,694		1,608,694
	102.3	3,071,250	1,674.42		1,674.42	24,867,188		24,867,188

## STREET WATERING.

Double Cart No. 27.

Capacity 600 Gals.

Loads per day—Fresh, 40; Salt, None. Gallons used per day—Fresh, 24,000; Salt, None.

1910.	Days W't'd	Totals.		Mileage of		Area of Streets Watered.	
		Gallons of Water Used.		Streets Watered.		Streets Watered.	
		Fresh	Salt	Total	Fresh	Salt	Total
April	13-4	324,000	.....	324,000	154.71	.....	154.71
May	16	384,000	.....	384,000	183.36	.....	183.36
June	18-6	450,000	.....	450,000	214.88	.....	214.88
July	27-1	651,000	.....	651,000	212.93	.....	212.93
Aug.	25	600,000	.....	600,000	196.25	.....	196.25
Sept.	23-6	570,000	.....	570,000	186.44	.....	186.44
Oct.	10-2	246,000	.....	246,000	80.46	.....	80.46
	134-3	3,225,000	.....	3,225,000	1,229.03	.....	1,229.03
					18,208,849	.....	18,208,849

## REPORT OF STREET COMMISSIONER

## STREET WATERING.

Location Chart No. 28.

Capacity 600 gals.

Gallons used per day—Fresh 18,000; Salt, 2,400.

Totals.

Date	Year	Gallons of Water Used.			Mileage			Area of Streets Watered.		
		Fresh	Salt	Total	Fresh	Salt	Total	Fresh	Salt	Total
May	10-1	189,000	25,200	214,200	69.20	7.14	76.34	1,399,461	249,900	1,649,361
June	17-4	315,000	42,000	357,000	80.15	11.90	92.05	1,480,570	416,500	1,897,070
July	22-7	411,750	54,900	466,650	104.77	15.56	120.33	1,935,317	544,425	2,479,742
Aug.	20-3	366,750	48,900	415,650	93.32	13.85	107.17	1,723,807	484,925	2,208,732
Sept.	12-2	220,500	29,400	249,900	56.11	8.33	64.44	1,036,399	291,550	1,327,949
Oct.	6-6	121,500	16,200	137,700	30.92	4.59	35.51	571,077	160,650	731,727
Nov.	2-4	45,000	6,000	51,000	11.45	1.70	13.15	211,510	59,500	271,010
92-6		1,669,500	222,600	1,892,100	445.92	63.07	508.99	8,358,141	2,207,450	10,565,591

## STREET WATERING.

Double Cart No. 29.

Capacity 600 Gals.

Loads per day—Fresh, 36; Salt, None. Gallons used per day—Fresh, 21,600; Salt, None.

1910.	Days Wt'd	Totals.		Gallons of Water Used.		Mileage of Streets Watered.		Area of Streets Watered.	
		Fresh	Salt	Total	Fresh	Salt	Total	Fresh	Total
April	7	151,200	.....	151,200	67.90	.....	67.90	1,094,842	1,094,842
May	13	280,800	.....	280,800	126.10	.....	126.10	2,033,278	2,033,278
June	16-6	361,800	.....	361,800	162.48	.....	162.48	2,619,801	2,619,801
July	25-1	542,700	.....	542,700	189.95	.....	189.95	3,044,195	3,044,195
Aug.	24	518,400	.....	518,400	181.44	.....	181.44	2,907,888	2,907,888
Sept.	22-4	486,000	.....	486,000	170.10	.....	170.10	2,726,145	2,726,145
Oct.	7	151,200	.....	151,200	52.92	.....	52.92	848,134	848,134
	115-3	2,492,100	.....	2,492,100	950.89	.....	950.89	15,274,283	15,274,283

## REPORT OF STREET COMMISSIONER

**STREET WATERING.**

Double Cart No. 30.  
Capacity 600 gals.  
Gallons used per day—Fresh 6,600; Salt, 10,800.  
Load per day: Fed, 11, Salt 18.

Totals.				Gallons of Water Used.			Mileage of Streets Watered.			Area of Streets Watered.		
1910.	Days Wat'd	Fresh	Salt	Total	Fresh	Salt	Total	Fresh	Salt	Total	Total	
April	5	33,000	54,000	87,000	15.55	33.55	49.10	217,120	810,410	1,027,530		
May	13	85,800	140,400	226,200	40.43	87.23	127.66	564,512	2,107,066	2,671,578		
June	17	112,200	189,600	295,800	52.87	114.07	166.94	738,208	2,756,394	3,493,602		
July	25	165,825	271,350	437,175	78.14	168.59	246.73	1,091,028	4,072,310	5,163,338		
Aug.	24-2	160,050	261,900	421,950	75.42	162.72	238.14	1,053,032	3,930,499	4,983,521		
Sept.	22	145,200	237,600	382,800	68.42	147.62	216.04	955,328	3,565,804	4,521,132		
Oct.	7	46,200	75,600	121,800	21.77	46.97	68.74	308,968	1,134,574	1,438,542		
	113-3	748,275	1,224,450	1,972,725	352.60	760.75	1,113.35	4,928,196	18,376,047	23,299,243		

## STREET WATERING.

Double Cart No. 31.

Capacity 600 Gals.

Loads per day — Fresh, None; Salt, 10.

Gallons used per day — Fresh, None; Salt, 6,000

## Totals.

## Mileage of

Gallons of Water Used.

Streets Watered.

Area of Streets Watered.

1910.	Days Wat'd	Fresh	Salt	Total	Fresh	Salt	Total	Fresh	Salt	Total
April	7	.....	42,000	42,000	.....	32.76	32.76	.....	615,300	615,300
May	13	.....	78,000	78,000	.....	60.84	60.84	.....	1,142,700	1,142,700
June	17	.....	102,000	102,000	.....	79.56	79.56	.....	1,494,300	1,494,300
July	26	.....	156,000	156,000	.....	121.68	121.68	.....	2,285,400	2,285,400
Aug.	24-2	.....	145,500	145,500	.....	113.49	113.49	.....	2,131,575	2,131,575
Sept.	22-4	.....	135,000	135,000	.....	105.30	105.30	.....	1,977,750	1,977,750
Oct.	7	.....	42,000	42,000	.....	32.76	32.76	.....	615,300	615,300
	116-6	.....	700,500	700,500	.....	546.39	546.39	.....	10,262,325	10,262,325

# REPORT OF STREET COMMISSIONER

## STREET WATER RING

Load per day.	Double Curb 1 to 3'	Capacity 400 Cists		Gallons used per day		Feet, 24,000, Salt, None.	
		Totals		Mileage of Streets Watered		Area of Streets Watered.	
		Gallons of Water Used		Feet		Feet	
	Day of Week	Feet	Salt	Total	Feet	Salt	Total
April	5	122,500		122,500	38.10		38.10
May	12	318,500		318,500	100.00		100.00
June	16	410,375		410,375	127.04		127.04
July	25	616,663		616,663	191.46		191.46
Aug.	24	688,000		688,000	182.08		182.08
Sept.	21	620,750		620,750	163.81		163.81
Oct.	7	171,690		171,690	63.34		63.34
	112	2,763,188		2,763,188	864.30		864.30





# SUMMARY OF STREET WATERING.

Dist.	Ct.	Gallons of Water Used.			Mileage of Streets Watered.			Area of Streets Watered.		
		Fresh	Salt	Total	Fresh	Salt	Total	Fresh	Salt	Total
No. 10	101-4	1,682,813	.....	1,782,813	709,365	.....	709,365	11,242,640	.....	11,242,640
No. 11	88-3	1,391,907	.....	1,391,907	607,322	.....	607,322	7,870,860	.....	7,870,860
No. 13	112-3	1,684,907	.....	1,703,907	930,400	.....	930,400	12,681,260	.....	12,681,260
No. 16	119-1	1,720,207	.....	1,720,207	747,811	.....	747,811	11,100,064	.....	11,100,064
No. 22	103	1,297,800	.....	1,297,800	749,844	.....	749,844	8,001,018	.....	8,001,018
No. 23	108-1	1,232,625	.....	1,232,625	807,411	.....	807,411	9,303,814	.....	9,303,814
No. 37	105-6	1,258,426	74,024	1,332,450	831,871	23,201	855,072	11,483,642	241,321	11,724,963
No. 25	102-3	3,071,250	.....	3,071,250	1,574,421	.....	1,574,421	24,807,188	.....	24,807,188
No. 27	134-3	3,225,000	.....	3,225,000	1,223,031	.....	1,223,031	18,206,840	.....	18,206,840
No. 28	92-6	1,669,500	222,600	1,892,100	445,921	68,071	513,992	8,306,141	2,907,460	11,213,601
No. 29	115-3	2,492,100	.....	2,492,100	950,880	.....	950,880	15,274,283	.....	15,274,283
No. 30	113-3	748,275	1,224,450	1,972,725	362,600	700,775	1,063,375	4,023,100	18,970,047	22,993,147
No. 81	116-6	.....	700,500	700,500	.....	546,880	546,880	.....	10,202,825	10,202,825
No. 82	112-3	2,753,188	.....	2,753,188	856,300	.....	856,300	12,401,080	.....	12,401,080
1528-6		24,412,998	2,221,574	26,634,572	10,943,161	1,308,471	12,251,632	160,700,270	31,087,143	191,787,413

# COMPARATIVE STATEMENT OF STREET WATERING.

Yr.	Days	Gallons of Water Used.			Mileage of Streets Watered.			Area of Streets Watered.		
		Fresh	Salt	Total	Fresh	Salt	Total	Fresh	Salt	Total
1907	1973-2	29,622,914	2,245,075	31,867,989	14,918.61	1,812.24	16,730.85	202,983,848.35	30,867,466.84	233,851,315.19
1908	1977-2	30,353,738	1,861,088	32,214,776	15,007.45	1,768.34	16,775.79	204,414,971.15	30,205,186.88	234,620,158.03
1909	1771-3	26,931,452	1,661,662	28,593,114	13,352.02	1,539.13	14,891.15	182,801,035.46	26,490,043.34	209,291,078.80
1910	1526-6	24,412,998	2,221,574	26,634,572	10,943.16	1,393.47	12,336.63	156,700,279.00	31,087,143.00	187,787,422.00

### Applying Dustoline.

This is the fourth season that we have applied Dustoline to the roadbeds of certain streets, and the result as in former years, has been very satisfactory.

We have used, during the past season, six tank cars containing 45,391 gallons of this material. This is about twice the quantity that was used last year because we treated more streets, in fact, we covered about 19 miles of 20 foot roadbed at a cost of \$3,205.79 or \$168.73 per mile for the season.

The applying of Dustoline is far superior to watering because it keeps the dust laid continually for a period of from six to eight weeks, which is governed considerably by weather conditions.

Last year we made a test of Dustoline, Texas Oil and Standard Oil, applied to Easton's Beach Road in three sections, and Dustoline stood the test the best, with the Standard Oil a good second, but the Texas Oil did not prove out quite as well.

Two hundred dollars was donated this year toward the cost of applying Dustoline to the Broadway roadbed.

Mrs. T. Suffern Taylor, Miss Caroline O. Jones and the Messrs. John R. Drexel, Craig Biddle, John Thompson Spencer and Harry Lehr donated \$50.00 each towards the applying of Dustoline to the roadbeds of Ruggles and Ochre Point Avenue, in front of their estates.

The following are full and complete statistics in relation to the applying of Dustoline, which have been carefully prepared by this office, viz:

## FIRST CAR OF DUSTOLINE.

First Application, June 8, 9 and 18, 1910.

Street or Avenue.	Sq. Yds.	Average Gal. per Sq. Yard	Gals. Used	Cost per Gal. Applied	Total Cost
Ridge road .....	10,744	.0673	723	.07062	\$51 06
Harrison avenue, Ridge road to Carroll avenue .....	27,303	.1272	3,473	.07062	245 27
Carroll avenue, Harrison avenue to Thames street .....	3,733	.1272	475	.07062	33 55
Morton avenue .....	4,225	.1272	538	.07062	38 00
Broadway, One Mile Corner to Bliss road .....	15,000	.1157	1,736	.07062	122 60
Bellevue avenue, Kay street to Perry street .....	10,196	.1136	1,158	.07062	81 78
	71,201		8,103		\$572 26

Average cost per square yard, .008.

## REPORT OF STREET COMMISSIONER

## SECOND CAR OF DUSTOLINE.

First Application, June 14, 15 and 20, 1910.

Street or Avenue.	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used.	Cost per Gal. Applied	Total Cost
Bellevue avenue, Perry street to Coggeshall avenue.....	43,364	.0885	3,838	.07062	\$271 04
Narragansett avenue, Bellevue avenue west, 200 ft.....	778	.0886	69	.07062	4 88
Broadway, Bliss road to Equality Park place.....	8,945	.1247	1,116	.07062	78 82
Third street, Walnut street to Training Station road.....	8,689	.1284	1,116	.07062	78 82
Bridge street.....	2,629	.1106	291	.07062	20 55
Elm street.....	2,416	.1105	287	.07062	18 86
Bath road, Bellevue avenue to Rhode Island avenue.....	3,980	.1419	558	.07062	39 41
Old Beach Road, Bellevue avenue to Gibbs avenue.....	7,327	.0761	558	.07062	39 41
Gould street.....	1,927	.0601	116	.07062	8 19
Tilley avenue.....	1,572	.0691	93	.07062	6 57
Congdon avenue, Gould street north.....	1,179	.0602	71	.07062	5 02
	82,756		8,093		\$571 57

Average cost per square yard, .0069.

# THIRD CAR OF DUSTOLINE

First Application, June 30, July 1, 2 and 5, 1910.

Street or Avenue.	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used.	Cost per Gallon Applied.	Total Cost
Northam lane, Thames street to Rousemaniere place.....	383	.1915	64	.07062	\$4 52
Rousemaniere place.....	213	.1915	41	.07062	2 90
Whittier avenue, 100 ft., Thames street west.....	156	.1915	30	.07062	2 12
Dennis avenue, 100 ft., Thames street west.....	133	.1915	25	.07062	1 77
Wilcox court, 100 ft., Thames street west.....	111	.1915	21	.07062	1 48
Sherman wharf, 100 ft., Thames street west.....	166	.1915	32	.07062	2 26
Swinburne's wharf, 100 ft., Thames street west.....	111	.1915	30	.07062	2 12
Champlin's wharf, 100 ft., Thames street west.....	111	.1915	21	.07062	1 48
Bull's wharf, 100 ft., Thames street west.....	167	.1915	32	.07062	2 26
Lopez wharf, 100 ft., Thames street west.....	178	.1915	34	.07062	2 40
Cotton court.....	360	.1915	69	.07062	4 97
Market square, Newman's wharf and Ferry wharf.....	600	.1915	115	.07062	8 12
Bowen's wharf, 100 ft., Thames street west.....	211	.1915	40	.07062	2 83
Kinsley wharf.....	1,057	.0529	56	.07062	3 96
Sayer's wharf.....	1,625	.0529	86	.07062	6 07
Scott's wharf, 100 ft., Thames street west.....	200	.0529	11	.07062	78
Commercial wharf, north and south and between.....	6,725	.0529	356	.07062	25 14
Hammett's wharf, 100 ft., Thames street west.....	311	.0529	17	.07062	1 20
Perry Mill wharf, 100 ft., Thames street west.....	366	.0529	19	.07062	1 34
Bailey court, 100 ft., Thames street west.....	189	.0529	10	.07062	71
Taylor court, 100 ft., Thames street west.....	255	.1283	33	.07062	2 33
Brown & Howard's wharf, 100 ft., Thames street west.....	278	.1283	36	.07062	2 54
Lee's wharf, 100 ft., Thames street west.....	278	.1283	36	.07062	2 54
West Howard street, 200 feet, Thames street west.....	467	.1283	60	.07062	4 24
Spring wharf, 200 ft., Thames street west.....	622	.1283	80	.07062	5 65

## REPORT OF STREET COMMISSIONER

## THIRD CAR OF DUSTVOLINE Continued.

First Application, June 30, July 1, 2 and 5, 1910.

Street or Avenue.	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used.	Cost per Gal. Applied.	Total Cost.
East London street, 200 ft., Thames street west.	574	.1283	74	.07062	5 23
White wharf, 200 ft., Thames street west.	449	.1283	63	.07062	4 45
Conington road, 200 ft., Thames street west.	355	.1283	46	.07062	3 26
Greenwich street, 200 ft., Thames street west.	468	.1283	60	.07062	4 17
Portsmouth street, 200 ft., Thames street west.	533	.1283	68	.07062	4 80
East Bovery street, Bellevue avenue to Middle-ton avenue.	3,522	.1181	410	.07062	29 38
Dresser street, Annandale road to Cliff avenue.	2,083	.1360	277	.07062	19 56
Red Cross avenue, Old Beach road, south 500 ft.	2,000	.1360	277	.07062	19 56
Chapel street, Old Beach road south.	727	.1003	139	.07062	9 82
Kay street, Tourno street to Powell avenue.	8,520	.0813	693	.07062	48 94
Easton's Beach road, Bath road east.	3,604	.1537	554	.07062	39 12
Bath road, pavilion west, 312 ft.	2,794	.1894	554	.07062	39 12
Rhode Island avenue, Broadway to Kay street.	3,360	.1680	554	.07062	39 12
	44,269		5128		\$362 25

Average cost per square yard .0081



THIRD CAR OF DUSTOLINE.

Second Application, July 1, 2 and 5, 1910.

Street or Avenue.	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used.	Cost per Gal. Applied.	Total Cost.
Broadway, Equality Park place to Bliss road.....	8,945	.1084	970	.07062	\$68 51
Broadway, Bliss road to One Mile Corner.....	16,000	.0369	555	.07062	39 20
Bellevue avenue, Touro street to LeRoy avenue.....	19,768	.0561	1,109	.07062	78 32
Harrison avenue, Halidon avenue to Carroll avenue.....	5,576	.0496	277	.07062	19 56
	49,289		2,911		\$205 59

Average cost per square yard, .0041.

## REPORT OF STREET COMMISSIONER

## FOURTH CAR OF DUSTOLINE.

First Application, July 20, 21, 22, August 6, 1910.

Street or Avenue.	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used.	Cost per Gal. Applied.	Total Cost.
Halidon avenue.....	3,427	.0831	285	.07082	\$20 18
Third street, Bridge street to Walnut street.....	1,700	.1076	285	.07082	20 18
Bath road, Old Beach road east, 312 ft.....	2,794	.1528	427	.07082	30 16
Eustis avenue, 400 ft. Bath road north.....	1,007	.1840	148	.07082	10 10
Eustis avenue, 400 ft. Bath road south.....	1,007	.1840	148	.07082	10 10
Ruggles avenue, Wetmore avenue to Drexel estate.....	2,750	.1552	427	.07082	30 16
West Broadway.....	3,981	.2147	855	.07082	60 87
Ochre Point avenue, Ruggles avenue north, 200 ft.....	511	.2778	142	.07082	10 08
	17,287		2,707		\$191 18

Average cost per square yard, .011.

## FOURTH CAR OF DUSTOLINE.

Second Application, July 19, 20, 21 and 22, 1910.

Street or Avenue.	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used.	Cost per Gallon Applied	Total Cost
Ridge road.....	10,744	.0397	427	.07062	\$30 16
Harrison avenue, Ridge road to Halidon avenue.....	21,727	.0590	1282	.07062	90 54
Carroll avenue, Thames street to Harrison avenue.....	3,733	.0380	142	.07062	10 03
Morton avenue.....	4,225	.0338	143	.07062	10 10
Third street, Walnut street to Training Station road.....	8,689	.0328	285	.07062	20 13
Gould street.....	1,927	.0808	155	.07062	10 95
Tilley avenue.....	1,572	.0803	136	.07062	8 90
Congdon avenue, Gould street north.....	1,179	.0803	95	.07062	6 71
Elm street.....	2,416	.0803	194	.07062	13 70
Old Beach road, Bellevue avenue to Gibbs avenue.....	7,327	.0566	415	.07062	29 31
Red Cross avenue, Old Beach road south, 500 ft. ....	2,000	.0566	114	.07062	8 05
Chapel street, Old Beach road south.....	727	.0566	41	.07062	2 90
Bridge street.....	2,629	.0540	142	.07062	10 03
Third street, Bridge street to Walnut street.....	1,700	.0841	143	.07062	10 10
Average Cost per square yard, .0037	70,595		3704		\$261 61

RECEIVED JULY 20 1910

REPORT ON THE COST OF THE

Water Application July 20 to Aug. 10, 1910

Location Avenue	sq. yds.	Average cost per sq. yd.	Total Cost	Total Cost Applied	Total Cost
Harrison Avenue, Madison Avenue to Carroll Avenue	10,770	0.005	53.85	0.005	53.85
Broadway, Equidity Park Place to Mile Corner	20,040	0.005	100.20	0.005	100.20
Bellevue Avenue, Key Street to Narragansett Avenue	14,670	0.005	73.35	0.005	73.35
East Bowery Street, Bellevue Avenue to Middleton Avenue	11,700	0.005	58.50	0.005	58.50
	47,180		285.90		285.90

Average cost per square yard, .005.

Street or Avenue.	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used.	Cost per Gallon Applied.	Total Cost.
Broadway, Equality Park place to One Mile Corner.....	23,945	.0666	1596	.07062	\$112.71
Average Cost per Square Yard, .0047.					

## FIFTH CAR OF DUSTOLINE.

Second Application, August 26, 27 and 30, 1910.

Street or Avenue.	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used.	Cost per Gal. Applied.	Total Cost.
Ochre Point avenue, Ruggles avenue north, 200 ft. ....	511	.0815	42	.07062	\$2 97
Ruggles avenue, Wetmore avenue to Drexel estate. ....	2,750	.0815	224	.07062	15 82
Bath road, Bellevue avenue to Rhode Island avenue. ....	3,930	.1353	532	.07062	37 57
Halidon avenue. ....	3,427	.0148	51	.07062	3 60
Kay street, Touro street to Powel avenue. ....	8,520	.0468	399	.07062	28 18
Rhode Island avenue, Kay street to Broadway. ....	3,360	.0395	133	.07062	9 39
West Broadway. ....	3,981	.1336	532	.07062	37 57
Average cost per square yard, .0051.				1,913	\$135 10

## REPORT OF STREET COMMISSIONER

## FIFTH CAR OF DUSTOLINE.

Third Application, August 26, 27 and 30, 1910.

Street or Avenue.	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used.	Cost per Gal. Applied.	Total Cost.
Bellevue avenue, Ruggles avenue to LeRoy avenue.....	5,600	.0475	266	.07062	\$18 79
Bellevue avenue, Ruggles road to Halidon avenue.....	21,727	.0148	322	.07062	22 74
Bellevue avenue, Ruggles road to Halidon avenue.....	10,744	.0148	159	.07062	11 23
Bellevue avenue, Bridge street to Training Station road.....	10,389	.0896	932	.07062	65 82
Bellevue avenue, Bridge street to Training Station road.....	2,629	.0505	133	.07062	9 39
Bellevue avenue, LeRoy avenue to Perry street.....	8,800	.0302	266	.07062	18 79
Bellevue avenue, LeRoy avenue to Perry street.....	3,733	.0334	125	.07062	8 83
Bellevue avenue, LeRoy avenue to Perry street.....	4,225	.0334	141	.07062	9 96
Average cost per square yard, .0024.	67,847		2,344		\$165 55

## FIFTH CAR OF DUSTOLINE.

Fourth Application, September 10, 1910.

Street or Avenue.	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used.	Cost per Gal. Applied.	Total Cost.
Bellevue avenue, Kay street to Bowery street.....	7,961	.0668	532	.07062	\$37 57

**FIFTH CAR OF DUSTOLINE.**  
**First Application, October 24, 1910.**

Street or Avenue.	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used.	Cost per Gal. Applied.	Total Cost.
Middleton avenue, Bath road to Merton road.....	720	.1847	133	.07062	\$9 39
Average cost per square yard, .013.					

**SIXTH CAR OF DUSTOLINE.**

Third Application, November 14 and 15, 1910.

Street or Avenue.	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used.	Cost per Gallon Applied.	Total Cost.
West Broadway.....	3,981	.1363	543	.07062	\$38 35
Gould street.....	1,927	.0581	112	.07062	7 91
Tilley avenue.....	1,572	.0581	91	.07062	6 43
Congdon avenue, Gould street north.....	1,179	.0581	69	.07062	4 87
Elm street.....	2,416	.0704	170	.07062	12 01
Average cost per square yard .0062	11,075		985		\$69 57

## REPORT OF STREET COMMISSIONER

## SIXTH CAR OF DUSTOLINE.

Fourth Application, November 14, 1910.

Street or Avenue.	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used.	Cost per Gallon Applied.	Total Cost.
Third street, Bridge street to Training Station road.....	10,899	.0704	792	.07002	\$51 49
Bridge street.....	2,029	.0704	145	.07002	13 04
Average cost per square yard .0049	13,018		917		\$64 75

## SIXTH CAR OF DUSTOLINE.

Fifth Application, November 14, 1910.

Street or Avenue.	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used.	Cost per Gallon Applied.	Total Cost.
Broadway, Equality Park Place to One Mile Corner.....	23,945	.0660	1,629	.07002	\$115 04
Bellevue avenue, Kay street to the turn.....	36,855	.0516	1,901	.07002	134 25
Average cost per square yard .0041	60,800		3,530		\$249 29



SIXTH CAR OF DUSTOLINE.

First Application, November 15, 1910.

Street or Avenue.	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used.	Cost per Gal. Applied.	Total Cost.
Marlborough street.....	2,272	.0402	91	.07062	\$6 43
West Marlborough street.....	2,123	.0402	85	.07062	6 00
Washington square.....	4,333	.1072	464	.07062	32 77
Park place .....	398	.1072	43	.07062	3 04
	9,126		683		\$48 24

Average cost per square yard, .0052.

## REPORT OF STREET COMMISSIONER

## SIXTH CAR OF DUSTOLINE.

Second Application, November 15, 1910.

Street or Avenue.	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used.	Cost per Gal. Applied.	Total Cost.
Market square.....	625	.0402	25	.07062	\$1 77
Kidley's wharf.....	1,057	.0402	43	.07062	3 04
Commercial wharf, north and south and between.....	6,725	.0402	271	.07062	19 14
Perry Mill wharf, 100 ft. Thames street west.....	366	.0402	15	.07062	1 06
Hammett's wharf, 100 ft. Thames street west.....	311	.0402	13	.07062	92
Northam lane, Thames street to Rousemainere place.....	333	.1072	36	.07062	2 54
	9,417		403		\$28 47

Average cost per square yard, .003.

**Standard Oil.**

On August 24th, 1910, I received a communication from Mr. W. D. McMillan, Manager of the New England Department of the Standard Oil Company of New York, requesting that they be given an opportunity, at their own expense, to give a demonstration of applying their oil with the Saybolt High Pressure Road Oil Distributor, which applies the oil under pressure in a fine spray penetrating the surface of the road, so as to leave it absolutely trackless within fifteen minutes of its application.

As they said they had given some demonstrations in Providence and vicinity with very satisfactory results, I decided to grant their request, as it would be of no expense to the City. On September 5th a demonstration was given to the roadbed of Berkeley Avenue, under the direction of Mr. Renton, of the Standard Oil Company, and the result was so satisfactory that while the machine was in the city, I thought it would be wise to have them treat some of the newly macadamized roadbeds to find out what the result would be.

The following streets were treated by this new method, at an expense of sixty-three dollars, viz :

Street.	Length.	Width.	Sq. yds.
Warner Street,	1,233 ft.	15 ft	2,055.0
Prairie Avenue,	664 ft.	29 ft. 3 in.	2,161.7
Gibbs Avenue.	1,230 ft.	23 ft.	3,143.3
Catherine Street,	774 ft.	25 ft. 4 in.	2,184.4
	<hr/> 3,901 ft.		<hr/> 9,544.4

I find that the treating of the roadbeds by the Saybolt Pressure Oil Distributor is so satisfactory, that I would recommend that next season all of the streets, with the exception of the permanent pavements and steep grade streets, be treated by this method, using either Dustoline or Standard Oil, the work to be let out at contract, and be awarded to the lowest bidder. The applying of the oil to be done under the direction and to the satisfaction of the Street Commissioner.

**Quarry and Crusher.**

The work of quarrying and crushing stone commenced on the 14th day of March and continued until November 12th. The weighing was continued until November 26th, when the plant was closed down for the winter.

Considerable repairs will have to be made to this plant before we

commence operations next spring, and I would recommend that an appropriation to cover this cost be included in the budget.

The amount of stone quarried and crushed during the season was as follows: Large stone, 979 tons; crushed stone, 3,356 tons, making a total production of 4,335 tons.

The cost of quarrying and crushing stone this year was, ledge stone, 5 cents per ton, and crushed stone, \$1.19 per ton.

The present lease of the quarry will expire at the end of another year, at which time the production will be exhausted at the present rate. If the lease of this quarry is renewed for another term of two years, the cost of production will be increased because we would have to install and operate a pumping apparatus to keep the quarry free from water.

#### Steam Road Rollers.

The re-maintenance and re-surfacing of streets commenced on the 1st day of April, and continued until November 16th, when the work was suspended for the winter.

A new 15-ton Steam Road Roller was purchased this year from the Buffalo Steam Roller Company, at an expense of \$3,900, they also sold the same company for one of the old rollers, making the net cost to the City, \$800.

Roller parts were also purchased for the other two rollers, from the Buffalo Steam Roller Company, at an expense of \$1,194.50.

The repairs of the new roller and the roller parts were made in accordance with the specifications.

#### Tarvin X-7.

The use of the material left over from last year, and in connection with the new methods which have been derived from experience, has enabled us to save the cost of the roadbeds to prevent washouts during the winter. The cost of the materials of the roadbeds of the following streets is as follows:

	Sq. Yds
Re-surfacing of the roadbed of Island Avenue,.....	1,379
Re-surfacing of the roadbed of the street crossing.....	106
Re-surfacing of the roadbed of the street crossing.....	95
Re-surfacing of the roadbed of the street crossing.....	582
Re-surfacing of the roadbed of the street crossing.....	8
Re-surfacing of the roadbed of the street crossing.....	2
<b>Total</b> .....	<b>2,172</b>

The following permanent pavements were also repaired with this material, viz :

	Sq. Yds.
Coggeshall Avenue, Ruggles Avenue south.....	100
Broadway.....	130
Spring Street.....	20
Total.....	250

Ditch openings were repaired for the Newport Gas Light Company and the Newport Water Works, they paying this Department for the work, and the money was re-deposited with the City Treasurer.

#### **Tarvia "B."**

One car load of Tarvia "B" was purchased this year, which was used on Everett street between Broadway and Kay street, and Coggeshall Avenue, a detailed account of which will be found in another part of this report.

#### **Streets Re-macadamized.**

The following streets have been re-macadamized this year, and full statistics of same will be found in another part of this report ; Catherine street from Rhode Island Avenue east ; Covell street ; Downing street ; Everett street from Kay to Francis street ; Gibbs Avenue from Champlin to Catherine street ; Gould street ; Rhode Island Avenue from Broadway east ; Touro street, east and west from Spring street ; and Washington street from Battery to Chestnut street.

#### **Streets Re-surfaced and Rolled.**

Dartmouth street ; Farewell street from Walnut street south ; Harrison Avenue from Anthony's Ledge to Carroll Avenue ; Poplar street ; Third street from Walnut street north ; Walnut street from Farewell street west ; Third street from Walnut street south ; Warner street from Dartmouth street to Malbone Avenue ; Washington square and West Marlborough street.

Full statistics in relation to this work will be found in another part of this report.

#### **Streets Macadamized (New Work.)**

Chase street ; East Bowery street, Annandale road to Middleton Avenue ; Extension street from Thames street west ; Feke street ; Gibbs Avenue from Champlin street to Water Works road ; Gillies

332. RE: F 33597 - ~~WATSON~~ ~~WATSON~~

[illegible]

### Future, Beach Wintering Station.

The same person who requested Mr. Benjamin Newman, I was fortunate to obtain permission for in the Newport Hospital to locate a wireless pumping station at Edmund's Beach. We have needed a station in this vicinity for some time, ever since the tank collapsed at Bailey Beach, and that station had to be abandoned by request of the Sporting Club Association.

We had the truck which was purchased a few years ago; the formation and working of same was performed by the employees of [redacted] Department. The [redacted] was furnished by Mr. P. E. Conroy on [redacted]

[redacted] b6  
[redacted] b7C

The cost of getting the plant in operation was \$551.26, less the contribution of \$551.26, which amount was taken from the Treasury of India.

A road was cut from Ocean Avenue to the tank for a distance of 12 feet at a cost of \$150.00 which was paid from appropriation.

### Easton's Beach

The grass plot has been constantly employed during the season and has received \$600.00 for the mowing the grass plot, the sea wall has also received \$469.96 for the past season being \$469.96.

7. Signature

Stone this year by the Burbidge Co., and other repairs were also made at a cost of \$34.20. I would recommend a thorough repair before the summer season for the public, and thereby prevent accidents. They are now in a very danger-

• • • • • Pier.

to this year for repairs to this  
expend, leaving a balance of

**Ann Street Pier.**

Repairs were made to this pier this year at a cost of \$58.86.

**Elm Street Pier.**

Repairs were made to this pier during the past year by Mr. Thomas Lucas, at an expense of \$136.66.

**Van Zandt Avenue Bridge.**

The appropriation of \$400.00 was hardly sufficient to make the necessary repairs to this bridge. This office wrote to several lumber firms to obtain the prices on lumber, but could not get a price low enough to warrant the work to be performed by the employees of this Department. Prices were obtained from several contractors, and their prices were too high.

As the bridge became so dangerous for public travel, I decided to award the work to the lowest bidder, Mr. Thomas Lucas, for the sum of \$475.00. Advertising for proposals and other minor repairs amounting to \$33.04 made the total cost \$508.04.

Appropriation \$400.00 plus increase wage appropriation of \$1.63, making total appropriation \$401.63.

The balance, amounting to \$106.41, was paid from the Emergency Fund.

**Spraying Trees.**

We co-operated again this year with the State Board of Agriculture for the spraying of the trees to exterminate the Elm Beetle and Tussock Moth. The State Board furnished all the material, apparatus and the Superintendent; this department furnished two men and horse. The Park Commission re-imbursed this department to the amount of \$23.01, which was the cost of spraying the trees in the parks. One-half of the sum that was received from private parties by Supt. E. R. Anthony, amounting to \$3.82, was paid to this department and re-deposited with the City Treasurer to the credit of the appropriation. This Fall we have had two men at work brushing off and destroying the Tussock Moth cocoons.

Appropriation \$200.00, plus increase wage appropriation \$9.63, and the amount \$3.82, deposited with the City Treasurer, making the total appropriation \$213.45. Expenditure \$199.24. Balance unexpended \$14.21.

at an expense of \$1,020.50. Appropriation \$1,300, plus increase wage appropriation \$38.67, total appropriation \$1,338.67, leaving a balance of \$318.17.

**Feke Street.**

Feke street has been macadamized and a granite curb laid on one side at an expense of \$619.83. Appropriation \$600, plus increase wage appropriation \$20.34, total appropriation \$620.34. Balance unexpended, \$0.51.

**Hoffman Place.**

Hoffman place has been macadamized and grass-bordered sidewalks built on both sides at an expense of \$227.35. Appropriation \$400, plus increase wage appropriation \$14.55, total appropriation \$414.55, leaving a balance of \$187.20.

**Chase Street.**

Flagwalk and double gutter have been built on Chase street at an expense of \$517.05. Appropriation \$500, plus increase wage appropriation \$17.20, total appropriation \$517.20. Balance unexpended \$0.15. The macadamizing of this street, the cost of which was \$109.41, was paid from Appropriation (h).

**Houston Avenue.**

Houston avenue between Wellington avenue and West Narragansett avenue was graded, macadamized and a granite curb laid on both sides at an expense of \$3,540.80. Appropriation \$4,000, plus increase wage appropriation \$102.76, total appropriation \$4,102.76, leaving an unexpended balance of \$561.96.

**Ledyard Place.**

Ledyard place was graded and macadamized at an expense of \$1,078. Appropriation \$1,100, plus increase wage appropriation \$68.51, total appropriation \$1,168.51, leaving a balance unexpended of \$90.51.

**Tew's Court Sewer.**

An eight inch pipe sewer was laid in Tew's Court, through the Davis and Stebbins Estates, and connected with the Chapel Street sewer, length of which was 669 feet, at a cost of \$587.21.

Appropriation \$1,300 plus increase wage appropriation \$39.84, total appropriation \$1,339.84, leaving an unexpended balance of \$752.63.



**Kilburn Court Sewer.**

As this sewer would have to be connected with the sewer on the west side of Broadway, necessitating the cutting of the bitulithic pavement, I considered that the amount appropriated was far from what the cost would be, therefore, I decided not to perform the work at this time.

**Carey Street Sewer.**

Since building the manholes and giving this sewer a good overhauling last year, there have been no complaints as to the working of the same, and I considered it would be a waste of the city money to re-build a sewer which was not needed.

**Malbone Avenue Sewerage System.**

After starting this sewer, and giving the matter careful consideration, I came to the conclusion that it would be much more economical, and that more property would be accommodated if the line of the sewer was changed, and not laid as was originally intended. I therefore interviewed Mr. Patrick H. Welch and obtained his permission to lay the sewer up through his lot to both Thurston and Bedlow avenues, thereby, not only saving much money in excavating and dodging the rock which I would have encountered had I laid the sewer as was intended, I was able to

First—Lay a sewer in the west end of Thurston avenue for a distance of 446 feet, which not only accommodated the property which never before could have sewerage, but I was enabled to reopen the eyeholes at the corner of Broadway and Thurston avenue, which have been a nuisance and a matter of considerable inconvenience in this locality for some years, especially during heavy rain falls.

Second—Lay a sewer in Bedlow avenue from the Welch lot west, for a distance of 97 feet to accommodate houses built in this locality.

Third—Lay a sewer in Malbone avenue from Garfield street east, for a distance of 178 feet.

Fourth—Extend the sewer in Malbone avenue from Cummings avenue west, for a distance of 235 feet.

Fifth—Lay a sewer in Cummings avenue from Malbone avenue north, for a distance of 276 feet, which was a part of the original layout.

The whole sewerage system was completed within the appropria-

tion, and much more would have been saved in the expense if we had not encountered a vein of running sand in Garfield street for a distance of about four hundred and seventy-five feet.

The sewerage system complete is as follows, viz:—

Garfield street,	952 ft. of 18 in. pipe
Malbone avenue,	526 ft. of 18 in. pipe
Malbone avenue,	178 ft. of 8 in. pipe
Weich lot,	459 ft. of 18 in. pipe
Weich lot	438 ft. of 12 in. pipe
Thurston avenue,	446 ft. of 8 in. pipe
Bedlow avenue	97 ft. of 8 in. pipe
Cummings avenue	276 ft. of 8 in pipe
Total length of system,	3,372 ft

Appropriation \$5,000; increase wage appropriation \$337.23; total appropriation \$5,337.23. Expenditure \$5,241.13, leaving an unexpended balance of \$96.10.

#### Wellington Avenue Wall

Owing to the inclemency of the weather, we were unable to complete the retaining wall which is being built on Wellington avenue from Hidden avenue east.

This wall when completed will be 567 feet in length, viz:—325 ft. x 5 ft. x 3½ ft. and 242 ft. x 7 ft. x 3½ ft., containing 600 cords of stone; considerable of this stone was picked up on the shore. It will greatly improve the appearance of the surroundings when filled in to the street line, which can be done by the garbage contractor to a certain extent.

The cost of building the wall up to the present time is \$2,023.20. The appropriation was \$2,000 plus increase wage appropriation \$1.85, total appropriation \$2,001.85, leaving an unexpended balance of \$22.35. An appropriation will have to be made next year to complete the wall.

#### Peckham Avenue Sewer

A new sewer was laid in Peckham avenue from Broadway west to the shore for 244 feet at an expense of \$348.45. The appropriation for this was \$330 plus increase wage appropriation of \$17.91, total appropriation \$347.91, was not sufficient to cover the cost of the work, and we were therefore obliged to draw upon the Emergency Fund to the amount of \$80.54 to complete the work. Later in the season,

under the direction of the Board of Aldermen, this sewer was extended for a distance of 72 feet, at an expense of \$45.34, which amount was paid from appropriation (e). This sewer was extended to accommodate a new building under construction.

#### Increase Wage Appropriation

Your Honorable Body, on the 8th of April, passed an ordinance increasing the wages of certain employees of this department to the amount of Twenty-five cents per day, and immediately passed a resolution appropriating the sum of \$5,000 to meet this increase, but, the amount appropriated was hardly sufficient as the total increase wage amounted in all to \$6,517.22 or \$1,517.22 more than the appropriation, and which amount was paid from the regular appropriation.

This appropriation was a non-apportioned account because it was made after the passage of the budget for the year, complicated matters, and caused considerable fine figuring. A full detail account of same will be found in another part of this report.

#### Statement of Stone Quarried and Crushed During the Year 1910

	Ledge Stone	Crushed Stone
General Repairs and patching streets.....		376
General Repairs to sidewalks.....		13
Broadway repairs.....		49
Bellevue avenue repairs .....		46
Bellevue avenue patching.....		28
Ridge road repairs.....		24
Ocean avenue repairs.....		191
Harrison avenue repairs.....		324
Coggeshall avenue, tarvia repairs.....		9
Easton's Beach road.....		205
Bath road.....		372
Broadway pavement.....		6
Tarvia quarters of roadbeds.....		30
Mary street sidewalk at Y. M. C. A.....		2
St. Clare Home sidewalk, Thames street.....		3
Spring street pavement.....		2
Third street.....		405
Walnut street.....		25
Farewell street.....		127
Harrison avenue.....		898
Washington square.....		195

	Ledge Stone	Cu S
Poplar street		
Warner street		
West Mainborough street		
Darlington street		
Dorwin street		
Rhode Island avenue		
Coggshall avenue		
Grand street		
Giles avenue		
Catherine street		
Everett street		
Covell street		
Washington street		
Harbor's Beach coal tank		
Chase street		
Easton's Beach Bridge		
Tourt street		
Harbor's Beach Watering Station	14	
Repar Sea Wall Ocean avenue	4	
Annandale road	10	
Prairie avenue		
Huffman place		
Gibbs avenue		
Ledyard place		
Extension street	13	
East Burying street		
Grafton street	25	
Gilles street		
Milliken avenue		
Hunter Avenue	40	
Fiske street		
Quincy street		
Quincy Avenue South	564	
W. 1st street	309	
Quincy Avenue North		
Quincy Avenue North		
	979	
Quincy Avenue North		
Quincy Avenue North	979	
Quincy Avenue North		
Quincy Avenue North		
	979	

## Statement of Clinton Point Stone

	Tons	Lbs.
<b>Patching and repairing streets</b> .....	418	1240
<b>Quarters of roadbeds</b> .....	24	140
<b>Broadway repairs</b> .....	20	50
<b>Bellevue avenue patching</b> .....	72	1160
<b>Coggeshall avenue, tarvia resurface</b> .....	22	1430
<b>Touro street patching</b> .....	5	340
<b>Charged to abutters</b> .....		1000
<b>City Yard, on hand</b> .....	20	
	<hr/> 583	<hr/> 1360

## Sewer Permits.

During the year 95 permits to connect with sewers were issued, making a total to date of 3,618 since the system was adopted in 1884.

The number and description of fixtures connected were as follows:

	Previously reported.	1910.	Total
<b>Water closets</b> .....	3,494	157	3,651
<b>Laundry tubs</b> .....	1,719	101	1,820
<b>Sinks</b> .....	4,319	108	1,427
<b>Bath tubs</b> .....	1,672	70	1,742
<b>Cellar drains</b> .....	1,554	50	1,604
<b>Bowls</b> .....	406	97	503
<b>Land drains</b> .....	111	1	112
<b>Roofs</b> .....	757	54	811
<b>Furnace pits</b> .....	4		4
<b>Stable fixtures</b> .....	51	5	56
<b>Families accommodated</b> .....	4,314	117	4,431
<b>Persons accommodated</b> .....	5,729	351	6,080

## New Sewers.

## Malbone avenue Sewerage System:

Garfield street.....	952 ft. of 18-inch pipe
Malbone avenue.....	178 ft. of 18-inch pipe
Malbone avenue.....	526 ft. of 8-inch pipe
Welch's lot.....	459 ft. of 18-inch pipe
Welch's lot.....	438 ft. of 12-inch pipe
Thurston avenue.....	446 ft. of 8-inch pipe
Bedlow avenue.....	97 ft. of 8-inch pipe
Cummings road.....	276 ft. of 8-inch pipe

**Tew's court Sewerage System:**

Stedman court .....	90 ft. of 8-inch pipe
Stedman land .....	98 ft. of 8-inch pipe
Davis land .....	107 ft. of 8-inch pipe
Tew's court .....	274 ft. of 8-inch pipe

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Total system.....569 ft.

Peckham avenue .....247 ft. of 8-inch pipe

In accordance with instructions from the Honorable Board of Aldermen the following sewers were laid this year, viz:—

Farewell street and Walnut street.....121 ft. of 8-inch pipe

Vaughan avenue .....508 ft. of 8-inch pipe

**West Narragansett avenue:**

Houston avenue west .....198 ft. of 8-inch pipe

Peckham avenue extended..... 72 ft. of 8-inch pipe

**Man-Holes Built.**

Malbone avenue at Garfield street.....	1
Malbone avenue at Cummings road.....	1
Malbone avenue, between Garfield and Cummings road.....	1
Welch's lot.....	1
Thurston avenue.....	1
Bedlow avenue.....	1
Garfield street, .....	1
Chapel street.....	1
Stedman court.....	1
Tew's court.....	1
Vaughan avenue.....	1

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12

**Catch Basins Built.**

Grafton street at Marchant street.....	1
Harrison avenue at Webster's estate.....	1
State street at Downing street.....	1
Tew's court, south end, east side.....	1

**Eye-Holes Built.**

Grafton street at Marchant street, north side.....	1
Grafton street at Marchant street, south side .....	1
Houston avenue at West Narragansett avenue.....	1
Tew's court, South end, east side.....	1

**New Culvert.**

Ocean avenue at Hazard's beach.....15 ft. x 20 in. x 20 in.

**Culvert in Placing Bridge.**

Water Works road (cast iron pipe).....20 ft. x 18 in.

**Sewers Repaired.**

Sherman street.....6 ft. stone

Washington square.....10 ft. of 12-inch pipe

**Culverts Repaired.**

**Stone:**

Cliff avenue at Sea View avenue.

Harrison avenue at Havemeyer estate.

**Pipe:**

Water Works road at Arnold's.

## TABLES FOR STREET AND SIDEWALK OPENINGS, ETC.

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Totals
1. New sidewalks	1		8	5	3	2	3	6	6	6	4		41
2. Repaving sidewalks				3		1							4
3. New curbs											1	1	2
4. Repaving curbs				1									1
5. New street lamps			1				1	1					3
6. Repaving street lamps			1				2	1					4
7. New street signs			2										2
8. Repaving street signs			2		2					11			17
9. New electric conduits				1							7		8
10. Repaving electric conduits													4
11. New railway tracks			2			1							3
12. Repaving railway tracks													4
13. New sewer													1
14. Clearing drains			1		1						1		3
15. Repairing and relaying sewers			1		4							1	6
16. Repairing city water shut-off					1		1						2
17. Rain water leader													1
18. Gutter bridge					1								1
19. Laying granite sidewalk													1
20. Relaying brick sidewalk													1
21. Sidewalks lights													1
22. Use of sidewalk for building			1	1							1		3
23. Painting building													1
24. Setting out trees											2		2
25. Removing dead tree											1		1
TOTALS	7	2	20	11	12	7	4	11	11	11	10	1	107



## STREETS MACADAMIZED (NEW WORK).

Street or Avenue.	Tons cr. Stone	Days Steam Roller	Av. Depth Work	Length Feet	Width Feet	Sq. Yds.	Cost per Sq. Yd.	Cost Macadam	Cost Turnpike	Total Cost
Chase street.....	37	4	3 in.	206	10	229	.473	\$109 41	\$	\$109 41
East Bowery street, Annandale road to Middleton avenue.....	110	7½	4 in.	435	20	967	.278	269 55		269 55
Extension st., Thames st. west....	56	4	5 in.	272	12	363	.387	140 54		140 54
Felke street.....	59	6½	4 in.	195	15	326	.545	178 81		178 81
Gibbs avenue, Champlin street to Water Works road.....	202	13	6 in.	550	21	1,233	.401	514 77		514 77
Gillies court.....	41	2½	4 in.	150	14	233	.421	98 24	21 00	119 24
Grafton street.....	224	10½	6 in.	586	14	912	.555	506 82		506 82
Hoffman place.....	46	4½	4 in.	200	16	355	.418	148 33		148 33
Houston ave., Wellington, south.	373	16	6 in.	700	21	1,633	.534	872 63		872 63
Ledyard place.....	267	20½	5 in.	927	17	1,751	.492	862 15	215 85	1,078 00
Middleton ave., Weaver avenue to Merton road.....	414	22½	5 in.	625	26	1,805	.524	947 38		947 38
Oakwood terrace.....	110	11	4 in.	444	23	1,024	.316	323 50		323 50
Prairie avenue, Catherine, north.	292	17½	6 in.	667	30	2,223	.332	718 34	19 75	738 09
	2,231	140		5,957		13,104	.435	\$5,690 47	\$256 60	\$5,947 07



## TARVIA RE-MACADAMIZED.

Street or Avenue.	Tons Trap Rock	Tons Crushed Stone	Days Steam Roller	Avg. Depth Work	Length feet	Width feet	Sq. Yds.	Cost per Sq. Yd.	Total Cost
Everett St., Broad- way to Kay St...		400	27½	4 in.	974	20	2,176	.499	\$1,087 59

## TARVIA RE-SURFACED.

Coggeshall Ave., Ruggles Ave. to Morton.....		45	1	½ in.	1,930	26	5,576	.040	\$224 82
Coggeshall Ave., Ruggles Ave. to Ocean .....	22				4,260	24	10,896	.012	132 77
	22	45	1		6,190		16,462		\$357 59

## REPORT OF STREET COMMISSIONER

## STREETS RESURFACED AND ROLLED.

Location	Time Crushed Stone	Days Steam Roller	Length Feet	Width Feet	Sq. Yds.	Cost per Sq. Yd.	Total Cost
10th street, south	90	7	396	16	704	.362	\$258.08
11th street, south	126	114	1,354	20	3,053	.127	388.46
12th street, south	398	17	1,626	22	3,928	.246	963.02
13th street, south	306	144	1,350	17	2,450	.212	512.97
14th street, south	288	174	4,320	16	6,937	.118	748.00
15th street, south	117	74	940	17	1,776	.174	300.74
16th street, south	25	34	686	17	1,166	.080	88.04
Warner street, Dartmouth street to Malbone avenue	124	12	525	15	876	.424	371.88
Washington square	195	14	650	60	4,333	.117	500.90
West Marlborough street	193	114	480	35	1,406	.254	484.16
	1,763	116	12,155		26,575	.141	\$4,056.00

**New Driveways Paved**

<b>Extension street at "Brierley's"</b> .....	24 ft. 6 in. x 1 ft. 9 in.
<b>Grafton street at "Franco's"</b> .....	11 ft. 4 in. x 3 ft. 8 in.
<b>Grafton street at "Reagan's"</b> .....	12 ft. 9 in. x 3 ft. 8 in.
<b>Ocean avenue at "Hazard's Beach"</b> .....	120 ft. x 10 in.

**Driveways Repaired**

<b>Ayrault street at "Marsh's"</b> .....	8 ft. x 2 ft. 6 in.
<b>Barney street at "Lawton's"</b> .....	12 ft. x 5 ft.
<b>Bellevue avenue at "Hodgson &amp; Hillhouse"</b> .....	60 ft. x 4 ft.
<b>Catherine street at "Willard's"</b> .....	15 ft. x 5 ft.
<b>Poplar street at Smith court</b> .....	10 ft. 8 in. x 20 in
<b>Poplar street at Court street</b> .....	16 ft. x 15 in.
<b>Poplar street at Chase street</b> .....	12 ft. x 20 in.
<b>Rhode Island avenue at "Lappin's"</b> .....	14 ft. x 1 ft.
<b>Third street between Elm and Poplar, west side</b> ..	22 ft. x 1 ft. 6 in.

**Crossings Repaired**

<b>Branch street at Marlborough street</b> .....	31 ft. x 8 ft.
<b>Battery street at Third street</b> .....	25 ft. x 6 ft.
<b>Charles street at Marlborough street</b> .....	19 ft. x 8 ft.
<b>Cherry street, east side</b> .....	47 ft. x 8 ft.
<b>Cherry street at Third street, east side</b> .....	20 ft. x 6 ft.
<b>Cherry street at Third street, west side</b> .....	23 ft. x 6 ft.
<b>Cherry street at Washington street</b> .....	8 ft. x 4 ft.
<b>Chestnut street at Third street</b> .....	24 ft. x 6 ft.
<b>Chestnut street at Washington street</b> .....	23 ft. x 6 ft.
<b>Church street at Trinity Church</b> .....	36 ft. x 6 ft.
<b>Clark street at Cleveland court</b> .....	13 ft. x 8 ft.
<b>Corne street at Pelham street, north side</b> .....	17 ft. x 6 ft.
<b>Corne street at Prospect Hill street</b> .....	14 ft. x 14 ft.
<b>Cranston avenue</b> .....	17 ft. x 6 ft.
<b>Cranston avenue at Lincoln street</b> ..	30 ft. x 6 ft.
<b>Duke street at Marlborough street</b> .....	18 ft. x 10 ft.
<b>Elm street at Third street</b> .....	24 ft. x 7 ft.
<b>Farewell street at Appleby street</b> .....	19 ft. x 8 ft.
<b>Farewell street at Covell street</b> .....	14 ft. x 8 ft.
<b>Farewell street at Marlborough street</b> .....	29 ft. x 4 ft.
<b>Farewell street at Warner street, east side</b> .....	27 ft. x 9 ft.
<b>Greenough place at Catherine street</b> .....	60 ft. x 9 ft.
<b>Kay street at Touro street</b> .....	38 ft. 6 in. x 9 ft. 8 in.
<b>LaSalle place at Third street</b> .....	17 ft. x 6 ft.
<b>Maitland court at Third street</b> .....	20 ft. x 6 ft.

Marlborough street at Farewell street.....	27 ft. x 8 ft
Marlborough street at Thames street.....	39 ft. x 4 ft
Marlborough street at West Broadway.....	27 ft. x 9 ft
Meeting street at Marlborough street.....	20 ft. x 4 ft
Narragansett avenue at Spring street.....	40 ft. 8 in. x 4 ft. 8 in
Pine street at Third street.....	23 ft. x 6 ft
Poplar street at Thames street.....	18 ft. x 7 ft
Sunshine court at Third street.....	21 ft. x 17 ft
Third street at Elm street.....	24 ft. x 7 ft
Walnut street at Third street.....	24 ft. x 5 ft
Walnut street at Washington street.....	18 ft. x 8 ft
Warner street at Burnside avenue.....	20 ft. x 8 ft
Warner street at Island Cemetery.....	12 ft. x 6 ft
Warner street at St. Mary's Cemetery.....	23 ft. x 6 ft
Washington street at Chestnut street.....	24 ft. x 8 ft
White street at Farewell street.....	14 ft. x 5 ft
Willow street at Second street.....	21 ft. x 6 ft
Willow street at Washington street.....	19 ft. x 6 ft

## New Granite Gutters

		Sq. yds
Chase street.....	210 ft. x 2 ft. 5 in	56
Extension street, Thames street, west...	276 ft. x 2 ft.	61.
Extension street, Thames street, west...	146 ft. x 2 ft. 9 in.	45.
Feke street.....	193 ft. x 2 ft.	43
Grafton street.....	1,131 ft. 7 in. x 2 in.	251.
Houston avenue.....	1,287 ft. 4 in. x 2 ft.	286
Old Beach road.....	123 ft. x 2 ft.	27.
	3,366 ft. 11 in.	770.
Annandale road, east side .....	418 ft. x 2 ft.	92.
	3,784 ft. 11 in.	863

## Gutters Repaved

Battery street.....	176 ft. x 2 ft
Bay View avenue .....	280 ft. x 2 ft
Bellevue avenue at LeRoy avenue, north side .....	600 ft. x 2 ft
Bellevue avenue at LeRoy avenue, south side.....	31 ft. x 2 ft
Broadway at Clinton avenue. ....	17 ft. x 2 ft
Broadway, Pennant street to Malbone avenue.....	196 ft. x 2 ft
Cherry street.....	117 ft. x 2 ft
Church street, Thames street to Spring street....	560 ft. x 2 ft. 6 in
Clark street.....	170 ft. x 2 ft. 6 in
Cedarlane court .....	13 ft. x 1 ft. 6 in
Care street, Pennant street to north.....	20 ft. x 2 ft

Corne street, Pelham street, south.....	224 ft. x 2 ft.
Covell street.....	210 ft. x 2 ft.
Cranston avenue, north side.....	250 ft. x 2 ft.
Cranston avenue, south side.....	700 ft. x 2 ft.
Edward street, Covell street to White street.....	38 ft. x 2 ft.
Everett street, Broadway to Kay street, north side...	350 ft. x 2 ft.
Everett street, Broadway to Kay street, south side..	959 ft. x 2 ft.
Farewell street, Appleby street to Warner street....	150 ft. x 2 ft.
Feke street.....	12 ft. x 2 ft.
Gould street, north side.....	650 ft. x 2 ft.
Gould street, south side.....	1200 ft. x 2 ft.
Green street, south side.....	200 ft. x 2 ft.
Lincoln street, east side.....	156 ft. x 2 ft.
Lincoln street, west side.....	228 ft. x 2 ft.
Malbone avenue.....	300 ft. x 2 ft.
Marlborough street west of Farewell street, north side.....	200 ft. x 2 ft. 6 in.
Marlborough street west of Farewell street, south side.....	476 ft. x 2 ft. 6 in.
Marlborough street east of Farewell street.....	323 ft. x 2 ft.
Mary street, Spring street west, north side.....	122 ft. x 2 ft.
Mary street, Spring street west, south side.....	220 ft. x 2 ft.
Newport avenue, south side.....	200 ft. x 2 ft.
Pelham street, Spring street east, north side....	282 ft. x 2 ft. 6 in.
Pelham street, Spring street west, north side....	395 ft. x 2 ft. 6 in.
Pelham street, Spring street east, south side. ....	227 ft. x 2 ft.
Pelham street, Spring street west, south side. ...	273 ft. x 2 ft. 6 in.
Poplar street, near Thames street.....	20 ft. x 2 ft. 6 in.
Poplar street, Fourth street east.....	64 ft. x 2 ft.
Poplar street, Fourth street west, north side.....	275 ft. x 2 ft.
Poplar street, Fourth street west, south side.....	307 ft. x 2 ft.
Poplar street, Second to Third street, north side.....	126 ft. x 2 ft.
Poplar street, Second to Third street, south side.....	208 ft. x 2 ft.
Poplar street, Second to Washington, north side.....	163 ft. x 2 ft.
Poplar street, Second to Washington, south side.....	250 ft. x 2 ft.
Powel avenue at No. 42, north side.....	197 ft. x 2 ft.
Third street, Bridge to Elm street, east side.....	214 ft. x 2 ft.
Third street at Elm street.....	24 ft. x 2 ft.
Third street, Elm to Poplar street, east side.....	211 ft. x 2 ft.
Third street, Poplar to Willow street, east side.....	211 ft. x 2 ft.
Third street, Willow to Walnut street, east side.....	211 ft. x 2 ft.
Third street, Walnut to Cherry street, east side.....	433 ft. x 2 ft.
Third street, Cherry to Sunshine court, east side....	378 ft. x 2 ft.
Third street, Sunshine to LaSalle, east side.....	250 ft. x 2 ft.
Third street, LaSalle place to Maitland court.....	124 ft. x 2 ft.

Third street, Bridge to Elm street, west side.....	210 ft. x 2 ft.
Third street, Elm to Poplar street, west side.....	210 ft. x 2 ft.
Third street, Poplar to Willow street, west side.....	128 ft. x 2 ft.
Third street, Chestnut to Cherry street, west side....	217 ft. x 2 ft.
Third street, Walnut to Chestnut street, west side...	100 ft. x 2 ft.
Third street, Cherry to Pine street, west side.....	250 ft. x 2 ft.
Third street, Pine to Battery street, west side.....	150 ft. x 2 ft.
Warner street at Burnside avenue.....	170 ft. x 2 ft.
Washington street, Bridge to Poplar, east side.....	250 ft. x 2 ft.
Washington street, Bridge to Poplar, west side.....	250 ft. x 2 ft.
Washington street, Cherry street, south, west side...	332 ft. x 2 ft.
Washington street, Willow street, north, east side...	169 ft. x 2 ft.
Washington street, Chestnut street north, east side..	152 ft. x 2 ft.
Washington street, Cherry street south, east side.....	18 ft. x 2 ft.
Washington street, north from No. 75, east side.....	71 ft. x 2 ft.
White street.....	14 ft. x 3 ft.
Willow street north side at Zabriskie's stable.....	80 ft. x 2 ft.

#### New Granite Curb

Annandale road, Merton road to Dresser street.....	418 ft.
Extension street, Thames street west.....	251 ft.
Fake street.....	193 ft. 6 in.
Grafton street.....	1,131 ft. 7 in.
Houston avenue, Wellington avenue south.....	1,264 ft. 10 in.
Mason court.....	7 ft.
Old beach road, State street east.....	55 ft.

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3,320 ft. 11 in.

#### Curbs Re-set

Battery street.....	176 ft.
Bay Street.....	200 ft.
Beach street, to Rye avenue north.....	38 ft.
Beach street, to Rye avenue south.....	17 ft.
Beach street, from Rye street to Bliss road.....	189 ft.
Beach street, from Bliss road to No. 11.....	300 ft.
Beach street, from No. 11 to No. 12.....	117 ft.
Beach street, from No. 12 to No. 13.....	224 ft.
Beach street, from No. 13 to No. 14.....	200 ft.
Beach street, from No. 14 to No. 15.....	200 ft.
Beach street, from No. 15 to No. 16.....	23 ft.
Beach street, from No. 16 to No. 17.....	55 ft.
Beach street, from No. 17 to No. 18.....	512 ft.
Beach street, from No. 18 to No. 19.....	600 ft.
Beach street, from No. 19 to No. 20.....	10 ft.
Beach street, from No. 20 to No. 21.....	200 ft.



Lincoln street, east side.....	100 ft.
Lincoln street, west side.....	200 ft.
Malbone avenue, south side (granite).....	300 ft.
Marlborough street, south side.....	60 ft.
Mary street.....	30 ft.
Newport avenue, south side.....	200 ft.
Old Beach road, Tew's court west.....	46 ft.
Pelham street, Spring street east, north side.....	32 ft.
Pelham street, Spring street east, South side.....	177 ft.
Pelham street, Spring street west, north side.....	273 ft.
Pelham street, Spring street west, south side.....	45 ft.
Poplar street, Fourth street west.....	307 ft.
Poplar street, Second street to Third street, south side.....	208 ft.
Poplar street, Second street to Washington street, south side.....	250 ft.
Third street, Bridge street to Elm street, west side.....	210 ft.
Third street, Elm street to Poplar street, west side.....	210 ft.
Third street, Poplar street to Willow street, west side.....	128 ft.
Third street, Chestnut street to Cherry street, west side.....	217 ft.
Third street, Walnut street to Chestnut street, west side.....	100 ft.
Third street, Chestnut street to Pine street, west side.....	250 ft.
Third street, Pine street to Battery street.....	150 ft.
Washington street, Bridge to Poplar street, east side.....	350 ft.
Washington street, Bridge to Poplar street, west side.....	250 ft.
Washington street, Cherry street south, west side.....	308 ft.
Washington street, Willow street north, east side.....	169 ft.
Washington street, Chestnut street north, east side.....	152 ft.
Washington street, Cherry street south, east side.....	18 ft.
Washington street, No. 75 north, east side.....	71 ft.
Willow street, north side at Zabriskie's stable.....	80 ft.
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7,952 ft.	

#### Streets Patched.

Ann street, Annandale road, Bateman avenue, Bath road, Bellevue avenue, Berkeley avenue, Bowery street, Branch street, Bridge street, Brinley street, Broadway, Brooks avenue, Caleb Earl street, Callender avenue, Calvert street, Carey street, Carroll avenue, Catherine street, Channing street, Charles street, Chastellux avenue, Church street, Cliff avenue, Coddington wharf, Coggeshall avenue, Collins street, Connection street, Cottage street, Court House street, Cross street, Dresser street, East Bowery street, Elm street, Farewell street, Franklin street, Friendship street, Gibbs avenue, Halidon avenue, Hall avenue, Halsey street, Harrison avenue, Hope street, Houston avenue, Hozier street, Kay street, Ledge road, LeRoy avenue, Levin street, Malbone avenue, Marchant street, Market square, Marlborough street, Mary street, Meeting street, Morgan court, Mor-

ton avenue, Narragansett avenue, Newport avenue, Oak street, (Point avenue, Old Beach Road, Old Fort road, Pearl street, Pe street, Pleasant street, Pope street, Poplar street, Powel av Precent Hall road, Red Cross avenue, Rhode Island avenue, Rose avenue, Ruggles avenue, Second street, Spruce street, State s Summer street, Thames street, Third street, Thomas street, ' avenue, Tiley avenue, Touro street, Van Zandt avenue, Warners Washington square, Washington street, Water Works road, Welli avenue, West Broadway, West Marlborough street, Wheel avenue, William street, Young street.

#### Streets Tarred.

		Sq.
Olney court	130 ft. x 15 ft.	
Quincy court	200 ft. x 22 ft.	
Hoffman place	200 ft. x 17 ft.	
Belgard place	300 ft. x 20 ft.	1
Leah street	160 ft. x 19 ft.	
Peabody avenue	100 ft. x 25 ft.	
	<hr/> 1,590 ft.	<hr/> 3.

#### New Granolithic Sidewalks.

	Sq.
Thames street at St. Clare Home	
Navy street at Y. M. C. A.	
	<hr/>

#### New Flag Walks.

	Sq.
Thames street west north	36 ft. x 2 ft.
Thames street west north	146 ft. x 2 ft.
	<hr/> 351 ft.

#### New Sidewalks with Grass Borders.

	Sq.
Thames street west north	990 ft. x 6 ft.
Thames street west north	700 ft. x 6 ft.
Thames street west north	870 ft. x 6 ft.
	<hr/> 2,560 ft.
	<hr/> 1.

## Sidewalk Repairs.

Flagstone:		Sq. Yds.
Ann street .....	60 ft. x 5 ft. 6 in.	36.6
Bull street.....	50 ft. x 6 ft.	33.3
Bridge street.....	40 ft. x 6 ft.	26.6
Broadway at Clinton avenue.....	60 ft. x 9 ft.	60
Covell street.....	210 ft. x 2 ft.	46.6
Houston avenue.....	650 ft. x 2 ft.	144.4
Howard street.....	29 ft. x 4 ft.	12.8
Pelham street at Channing Church...	77 ft. x 7 ft. 6 in.	64
Spring street corner Howard street...	60 ft. x 7 ft.	46.6
Spring street, corner Fountain street.	55 ft. x 6 ft.	36.6
Spring street, Howard to Young St...	75 ft. x 7 ft. 6 in.	62.5
Thames street, Marlborough St., north	6 ft. x 3 ft.	2
Thames street, corner Sanford street.	41 ft. x 5 ft.	22.7
Thames street, at No. 102.....	12 ft. x 4 ft.	5.3
Third street, at No. 14.....	37 ft. x 6 ft.	24.6
Washington street, corner Chestnut		
street, west side.....	104 ft. x 7 ft.	80.8
Washington street, corner Willow St.,		
east side.....	160 ft. x 3 ft.	53.3
William street, Bellevue avenue west,		
south side.....	30 ft. x 5 ft.	16.6
Willow street, north side.....	80 ft. x 3 ft.	26.4
	1836 ft.	801.7

## Brick:

		Sq. Yds.
Bellevue avenue, at Abram Block....	90 ft. x 9 ft.	90.
Bellevue avenue, at Fadden Block....	100 ft. x 9 ft.	100
Bowery street.....	80 ft. x 6 ft.	53.3
Broadway, at Downing's.....	14 ft. x 9 ft.	14
Corne street, Pelham south, east side.	31 ft. x 4 ft. 6 in.	15.5
Corne street, Pelham south, west side.	12 ft. x 7 ft.	9.3
Marlborough street, at Friends' church.	200 ft. x 9 ft.	200
Pelham street, Spring street east,		
north side.....	294 ft. x 8 ft. 6 in.	277.7
Pelham street, Spring street east,		
south side.....	300 ft. x 7 ft.	233.3
Pelham street, Spring street west.		
north side.....	45 ft. x 8 ft.	40
Pelham street, Spring street west,		
south side.....	220 ft. x 7 ft. 6 in.	183
Spring street, corner Bowery street..	25 ft. x 8 ft.	22.2
Thames street, Marlborough street,		
north.....	212 ft. x 6 ft.	141.3

## REPORT OF STREET COMMISSIONER

Thames street, between Howard and		
Milburn court	50 ft. x 9 ft.	50
Thames street, corner South Baptist		
street	5 ft. x 5 ft.	4.4
Thames street, corner Spring wharf	48 ft. x 6 ft. 6 in.	34.6
Thames street, at N. E. Commercial		
Bank	22 ft. x 8 ft. 6 in.	20.7
	<hr/>	<hr/>
	1751 ft.	1489.3
Plank:		
		Sq. Yds.
Whitfield court	52 ft. x 3 ft.	17.3
Granolithic:		
		Sq. Yds.
Bath road, at Dr. Matherson's		4
Levin street		1
		<hr/>
		5
Asphalt Blocks:		
		Sq. Yds.
Bath road, at Easton's Beach.	120 ft. x 6 ft. 6 in.	86.6
Thames street, corner Extension St.	31 ft. x 7 ft.	24.1
	<hr/>	<hr/>
	151 ft.	110.7
Cinders:		
		Sq. Yds.
Brewer street.	225 ft. x 4 ft.	100
Broadway, Ayrault street, north.	50 ft. x 14 ft.	77.7
Burnside avenue.	825 ft. x 3 ft.	275
Clinton avenue.	680 ft. x 4 ft.	302.2
East Bowery street.	100 ft. x 4 ft.	44.4
Edward street	450 ft. x 5 ft.	250
Equality Park place	50 ft. x 9 ft.	50
Feke street	300 ft. x 4 ft.	133.3
	<hr/>	<hr/>
	2680 ft.	1232.6
Crushed Stone:		
		Sq. Yds.
Bellevue avenue.	210 ft. x 6 ft.	140
John street, at Gilpin's	75 ft. x 5 ft.	41.6
Oak street	120 ft. x 5 ft.	66.6
Poplar street	45 ft. x 5 ft.	25
Shoem street	50 ft. x 6 ft.	33.3
Spruce street.	25 ft. x 8 ft.	22.2
Third street, Cypress street, north.	475 ft. x 4 ft.	211
	<hr/>	<hr/>
	1000 ft.	539.7

Dirt:		Sq. Yds.
Barney street.....	250 ft. x 4 ft.	111.1
Carroll avenue, Morton avenue, south.....	110 ft. x 11 ft.	134.4
Carroll avenue, Ruggles avenue, south.....	675 ft. x 5 ft.	375
Cliff avenue.....	520 ft. x 6 ft.	346.6
Coddington street.....	450 ft. x 4 ft.	200
Covell street.....	210 ft. x 3 ft.	70
Dartmouth street.....	150 ft. x 5 ft.	83.3
Easton's Beach road.....	100 ft. x 8 ft.	88.8
Green street.....	220 ft. x 3 ft.	73.3
Hammond street.....	350 ft. x 2 ft.	77.7
Holland street.....	325 ft. x 5 ft.	180.5
Kay street.....	42 ft. x 8 ft.	37.3
Lee avenue, Thames street east.....	250 ft. x 6 ft. 6 in.	180.5
Marlborough street.....	168 ft. x 4 ft.	74.6
Mill street.....	150 ft. x 4 ft.	66.6
Narragansett avenue, at DeLancey Kane's, north side.....	500 ft. x 6 ft.	333.3
Perry street.....	255 ft. x 4 ft.	100
Prairie avenue.....	134 ft. x 8 ft.	119
Warner street.....	825 ft. x 4 ft.	366.6
Wellington avenue.....	600 ft. x 6 ft.	400
<hr/> 6284 ft.		<hr/> 3418.6

## New Sea Wall.

Ocean avenue, Grave's Point, east.....	606 ft.
Wellington avenue, opposite Jones' estate.....	567 ft.

## Sea Wall Repaired.

Ocean avenue, near Grave's Point.....	9 ft. x 13 ft.
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## Repairing Wall, Easton's Beach.

Resetting 60 ft. coping.

Pointing 150 ft. coping.

## Hazard's Beach Watering Station.

Building foundation for tank.....	54 ft x 3 ft. x 12 in.
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## REPORT OF STREET COMMISSIONER

## COMPARATIVE STATEMENT OF FUEL CONSUMED BY DEPARTMENT.

	1908			1909			1910		
	Tons	Cu. ft.	Cost	Tons	Cu. ft.	Cost	Tons	Cu. ft.	Cost
Canby Island Lump Coal at 5.20	107	680	\$579.94	1000		\$4.10			
Canby Island Coal at 4.75				142-1020		751.33	149 1800		787.00
Long Coal at 6.00							109 1380		753.54
Pepp Coal at 6.00	80		540.00	104		707.20			
Pepp Coal at 6.75				2		13.50			
Stove Coal at 6.87				17-144		116.03	22 104		151.50
Stove Coal at 6.80			172.78	10		67.50	3-1986		27.08
Stove Coal at 6.75	25-1400					10.75			
Wood at 10.75					1				
Wood at 9.75									
Wood at 9.25					28	259.34		26-4	257.94
Wood at 8.50		21-5	186.14		-2	2.81			
Wood (4 cut)		2	17.23						
	213	23-5	\$1796.09	276-164	29 2	\$1932.56	285-1250	26 4	\$1977.06

**Forage consumed at City Stable during the Municipal Year of 1910.**

[illegible]

# **INVENTORY OF PROPERTY BELONGING TO THE HIGHWAY DEPARTMENT.**

## **Office.**

1 Victor safe .....	\$180 00
1 Iron safe (City Yard office, Long wharf) .....	25 00
1 Iron safe (loaned License Commissioners) .....	140 00
Furniture, clock, stoves, desk, copypress, etc. ....	55 00
1 Engineer's transit. ....	250 00
1 Set engineer's drafting instruments. ....	5 50
1 Plummet lamp .....	5 00
1 Exploding battery .....	25 00
1 Engineer's level and rod .....	50 00

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\$735 50

## **Wharf and Stable.**

1 Fairbanks scale .....	\$50 00
10 Horses .....	2,000 00
3 Stone wagons .....	300 00
4 Dump carts .....	80 00
2 Two-horse steel dump carts .....	300 00
1 Two-horse steel dump cart (old) .....	25 00
3 One-horse steel dump carts .....	375 00
1 Double gear .....	75 00
1 Single gear .....	50 00
1 Express wagon .....	50 00
1 Street Sweeper .....	10 00
1 Two-horse roller .....	200 00
11 One-horse watering carts .....	1,100 00
9 Two-horse watering carts .....	1,800 00
4 Sets double harness .....	150 00
4 Sets cart harness .....	20 00
4 Sets single wagon harness .....	20 00
8 Waterproof covers .....	7 00
10 Warden blankets .....	10 00
7 Baked blankets .....	7 00
9 Saddle pads .....	4 50
2 Wagon dials .....	1 00
3 St. Ann. road rollers .....	9,000 00
1 Stone crusher .....	20 00
1 Port. engine .....	2 00
9 Iron wheelbarrows .....	91 00
2 Iron wheelbarrows .....	5 00
2 Wooden wheelbarrows .....	3 00
1 Dump truck, complete .....	150 00



lling nozzle and pipe .....	\$10 00
ar wrenches .....	2 50
nt wrenches .....	9 00
umps and hose (50 ft.) .....	75 00
ns and globes .....	37 50
screen.....	6 00
runner.....	1 00
cks.....	2 25
on stoves.....	25 00
crews.....	6 00
lt pot.....	3 00
t pots.....	2 00
ttles on wheels.....	266 00
hammers .....	50
nist hammers.....	1 00
lt repair plant and tools, complete.....	400 00
lt maddocks.....	6 00
inch augers.....	12 00
augers.....	2 00
s.....	2 00
drill.....	2 00
ut saws .....	6 00
cks.....	6 00
saws.....	3 50
saw.....	1 00
saw.....	1 00
ht edges.....	3 00
.....	25 00
axes.....	3 00
g tools.....	4 00
drills.....	4 00
ars.....	22 00
ers.....	11 00
ounders .....	2 00
ins.....	15 00
steel.....	24 00
ig hammers.....	6 00
s.....	19 50
.....	7 50
g pounders.....	5 00
.....	15 50
.....	3 50
n braces.....	18 00
cks.....	1 00
akes.....	3 75
measures.....	1 00

1 Steel tape measure	37 30
20 Guard pins and ropes	4 00
2 Manhole guards	5 00
1 Hydrant valve	1 00
1 Tom tom	10 00
3 Saw hooks and falls	15 00
7 Monkey wrenches	7 00
14 Monkey wrenches	7 00
2 Pair chain tongs	10 00
1 Pair tongs	50
3 Pair tongs	12 00
1 Electric saw	30 00
1 24-inch manhole grate and rim	9 00
2 24-inch manhole covers and rims	19 00
2 Light iron covers	1 00
7 Long handle shovels	37 00
2 Heavy iron covers	6 00
25 Short handle shovels	18 75
1 Stone roller	25 00
4 Large axes	9 00
2 Small axes	2 00
4 Ox chains	4 00
4 Spades	4 00
4 Saws and blades	6 00
3 Saws	3 00
1 Trencher	50
2 Rubber rollers	2 00
20 Hoes	14 50
1 Pair of cast pails	3 00
1 Pipe wrench	3 00
1 Gas forcing pump	4 50
2 Driveway boards	1 50
1 Pair of heavy chains	1 50
1 Rope	40
1 Pair of heavy chains	2 50
2 Iron rollers	2 00
1 Pair of heavy chains	2 00
1 Iron roller	5 00
1 Pair of heavy chains	10 00
1 Rope	6 25
4 Saws and blades	2 00
1 Saws and blades	15 00
1 Rope	1 00
1 Pipe roller	1 00
1 Hydraulic pump	1 50
2 Sets stencils	3 00

2 Hatchets.....	\$1 00	
3 50-gallon oil cans.....	12 00	
2 Funnels.....	50	
2 4-gallon measures.....	1 00	
1 Blacksmith portable forge.....	12 00	
1 Pair snips.....	2 00	
1 Set sewer cleaning rods and fittings.....	50 00	
1 Soldering iron.....	1 50	
1 Ratchet drill and 16 drills.....	18 00	
2 Iron clamps.....	1 00	
1 Drawing knife.....	1 00	
1 Extension bit.....	1 25	
1 Norton jack (15 ton).....	48 00	
1 Extension ladder (30 feet).....	3 00	
1 Ladder (18 feet).....	2 00	
1 Upright self-feeding drill and 14 drills.....	29 00	
3 5-gallon oil cans.....	3 00	
	<hr/>	\$17,510 25

**Settling Tank.**

1 Centrifugal pump and fittings.....	\$300 00	
1 Hoisting engine.....	300 00	
1 Boiler.....	365 00	
	<hr/>	\$965 00

**Quarry.**

1 Crusher, engine and boiler.....	\$4,500 00	
1 Fairbanks scale.....	100 00	
1 Bellows.....	15 00	
2 Vices.....	10 00	
1 Anvil.....	7 00	
1 Chain fall.....	10 00	
1 Clock.....	3 50	
1 McKiernan steam drill and fittings.....	296 00	
	<hr/>	\$4,941 50

**Ocean Avenue.**

1 Steam boiler, pump and tanks.....	\$500 00	
1 Windmill (pump at yard), formerly at Bailey's beach.....	500 00	
	<hr/>	\$1,000 00

**Collins Beach.**

1 Steam pump, boiler and tank.....	\$500 00	\$500 00
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**Long Wharf.**

1 Steam boiler, pump and tank.....		300 00
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	Expenses	Wages	Expenses City Taxes	Total App'd.	Income	Balance
Collection and disposal, (contract)	\$2,000 00					
Two men at dumps						
Supervision						
Supplies, etc.						
	622 20	24 40	623 05	1,945 25	1,716 29	198 96
	\$27,161 49	\$3,933 09	\$1,226 43	\$32,321 01	\$37,351 22	\$5,029 79

### COLLECTION AND DISPOSAL OF CITY GARBAGE

Collection and disposal, (contract)	\$5,124 00	\$5,124 00	\$5,124 00	\$5,124 00	\$00 00
Two men at dumps	1,252 00	\$75 00	1,327 00	1,312 50	14 50
Supervision	250 00	12 50	272 50	272 50	00 00
Supplies, etc.	64 00	1 95	65 95	29 09	36 26
	\$6,700 00	\$89 45	\$6,789 45	\$6,738 09	\$50 76

### SUPPLIES

New parts for steam rollers Nos. 1 and 2	\$1,194 50	\$1,194 50	\$1,194 50	\$1,194 50	\$00 00
New modern steam roller	\$3,800 00				
Less exchange of old roller	800 00				
			3,000 00	3,000 00	00 00

# UNFINISHED WORK.

<i>Prairie avenue, macadamize from Catherine street, north</i> .....	\$700 00	\$39 17	\$739 17	\$738 09	\$1 08
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## REPAIRS, ETC.

Van Zandt avenue bridge .....	\$400 00				
Transferred from Emergency Fund ..	107 97				
Van Zandt avenue pier .....		\$ 07	\$508 04	\$508 04	\$ 00 00
Extermination of tussock moth and elm beetle .....		1 63	401 63	47 52	354 11
		9 63	213 45	199 24	14 21
		3 82			

## NEW WORK.

Low sea wall, Ocean avenue near Graves point	\$2,000 00	\$49 07	\$2,049 07	\$2,025 95	\$ 23 12
Tews court sewer .....	1,300 00	39 84	1,339 84	587 21	752 63
Annandale road curb, east side, from Dresser street to Merton road .....	1,000 00	28 24	1,028 24	822 71	205 53
Kilburn court sewer .....	300 00		300 00		300 00
Wellington avenue, retaining wall .....	3,000 00	1 85	3,001 85	2,023 20	978 65
Carey street, build larger sewer .....	1,450 00		1,450 00		1,450 00
Malbone avenue and Cummings avenue, sewer	5,000 00	337 23	5,337 23	5,241 13	96 10
Gibbs avenue, macadamize, Champlin to Water Works road .....	500 00	24 02	524 02	514 77	9 25
Middleton avenue, macadamize, from Weaver avenue to Merton road .....	1,050 00	45 96	1,095 96	947 38	148 58
Gillies court, macadamize .....	300 00	6 86	306 86	119 24	187 62
East Bowery street, macadamize, from Middleton avenue to Annandale road .....	1,100 00	13 45	1,113 45	269 55	843 90
Grafton street, grade, curb and macadamize.	3,000 00	93 02	3,093 02	2,820 86	272 14
Extension street, from Thames street west, curb on south side, flagwalk on south side and macadamize .....	1,300 00	38 67	1,338 67	1,020 50	318 17

Broadway pavement repairs.....	\$65 94	\$9 62	175 56
Apply tarvia quarters of roadbeds...	267 29	77 67	344 96
Thames street graveling.....	1 70	1 54	3 24
Mary street granolithic sidewalk at Y. M. C. A. building.....	57 73	28 81	86 54
St. Clare Home granolithic sidewalk..	33 15	10 68	43 83
Harrison avenue sidewalk, north side from Carroll avenue west.....	132 75		132 75
Carroll avenue sidewalk.....	34 82		34 82
Charles street sidewalk repairs.....	12 66	1 58	14 24
Marlborough street sidewalk repairs..	89 14	9 44	98 58
Pelham street sidewalk repairs.....	316 68	35 52	352 20
Covell street flagwalk repairs.....	45 90	3 59	49 49
Thurston avenue flagwalk repairs....	78 03	10 50	88 53
Thames street sidewalk repairs .....	177 82	77 25	255 07
Broadway sidewalk repairs near Clinton avenue.....	26 11	3 98	30 09
Whitfield court plankwalk repairs...	2 75	11 51	14 26
Gould street sidewalk repairs.....	27 33	80	28 13
Brewer street sidewalk repairs. ....	12 95	79	13 74
Ann street sidewalk repairs.....	20 45	94	21 39
North Baptist street sidewalk repairs	90 17	14 56	104 73
Spring street sidewalk repairs.....	52 24	1 67	53 91
Bowery street sidewalk repairs.....	45 39	4 79	50 18
William street sidewalk repairs.....	15 06	2 13	17 19
Peckham avenue turnpike.....	29 13		29 13
Princeton avenue turnpike.....	29 63		29 63
County street turnpike.....	29 62		29 62
Guerney court turnpike.....	26 39	1 97	28 36
Pearl street turnpike.....	20 37	80	21 17
Bellevue avenue sidewalk repairs at Abram's block.....	29 41	23 17	52 58
Bellevue avenue sidewalk repairs at Fadden's Block and to DeBlois street.....	86 14	37 20	123 34
Kay street sidewalk repairs in front of Dr. Sherman's .....	13 25		13
West Marlborough street sidewalk repairs.....	21 91	2 54	24
Materials on hand .....		48 50	48
Cleaning catch basins and eyeholes ..	2,741 20	427 68	3,168
Repair catch basins and eyes. ....	204 84	60 83	265
Building catch basin, Harrison ave near Webster estate. ....	11 75	6 01	17
Build catch basin, Downing at State street.....	46 60	24 27	70- 2

Third street re-surface, Walnut street, north.....	\$609 44	\$138 62	\$748 06
Walnut street re-surface, Farewell, west.....	72 55	16 09	88 64
Farewell street resurface, Walnut, south.....	318 21	71 24	389 45
Harrison avenue re-surface, Anthony's Ledge to Carroll avenue.....	806 23	157 69	963 92
Washington square re-surface.....	419 69	90 70	510 39
Third street re-surface, Walnut street, south.....	255 36	54 38	309 74
Poplar street re-surface, from Thames to Washington street.....	449 82	92 45	542 27
Warner street re-surface, Dartmouth to Malbone.....	304 25	67 13	371 38
West Marlborough street re-surface.....	399 86	84 30	484 16
Dartmouth street re-surface.....	203 31	44 77	248 08
Downing street re-macadamize.....	177 93	38 72	216 65
Rhode Island avenue re-macadamize, from Broadway, east.....	730 98	160 63	891 61
Hazard's Beach, build road to tank..	134 50	15 33	149 83
Applying Tarvia "B" to Coggeshall avenue, from Ruggles avenue, south.....	43 97	88 80	132 77
Coggeshall avenue re-surface with Tarvia "B," Ruggles to Morton avenue.....	95 86	128 96	224 82
Gibbs avenue re-macadamize.....	748 39	154 87	903 26
Gould street re-macadamize.....	777 74	170 21	947 95
Catherine street re-macadamize, from Rhode Island avenue, east.....	857 80	175 17	1,032 97
Everett street re-macadamize with Tarvia "B," Broadway to Kay street.....	837 65	249 94	1,087 59
Everett street re-macadamize, from Kay to Francis street.....	391 57	84 94	476 51
Covell street re-macadamize.....	227 05	46 65	273 70
Washington street re-macadamize, from Battery street, south.....	751 58	165 60	917 18
Chase street macadamize.....	89 59	19 82	109 41
Measuring streets.....	22 00		22 00
Church street re-lay gutter.....	64 48	11 67	76 15
Clarke street re-lay gutter.....	24 41	3 86	28 27
Gould street re-lay gutters.....	209 27	28 39	237 66
Relaying gutters.....	147 00	8 99	155 99
Relaying driveways.....	19 82	4 69	24 51





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Miscellaneous Incidentals.....	\$	\$641 94	\$641 94
Newport School Department, Play Ground Department, building gymnasium appliances.....	68 28	19 39	87 67
Stable roof repairs, City Yard.....	5 50	9 35	14 85
City Yard, building office foundation	163 76	75 89	239 65
City Yard, repair plumbing, scales, etc.....	29 75	24 48	54 23
Charged to abutters.....	65 59	35 17	100 76
Repair sea wall, Ocean avenue.....	223 90	47 00	270 90
Park Commission, spraying trees....	23 01		23 01
Collection and disposal City garbage.	6,709 00	1 35	6,710 35
Wellington avenue dump.....	15 95	96	16 91
Anthony's Ledge dump.....	11 43		11 43
New steam Road Roller and supplies for rollers.....		4,194 50	4,194 50
Malbone avenue sewer.....	3,752 39	1,488 74	5,241 13
Peckham avenue sewer.....	306 64	41 81	348 45
Tew's court sewer.....	448 09	139 12	587 21
Gillies court macadamize.....	101 23	18 01	119 24
Ledyard place macadamize.....	943 14	134 86	1,078 00
Prairie avenue macadamize from Catherine street, north.....	610 38	127 71	738 09
Annandale road curb east side, from Dresser street to Merton road...	382 67	440 04	822 71
Grafton street, grade, curb and mac- adamize.....	1,522 17	1,298 71	2,820 88
Houston avenue, grade curb and mac- adamize.....	2,084 55	1,456 25	3,540 80
Hoffman place, macadamize and side- walks.....	196 83	30 52	227 35
Extension street, curbs south side, flag- walk north side and macadam....	561 88	458 62	1,020 50
Feko street, curb one side and mac- adamize.....	370 75	249 08	619 83
Chase street flagwalk and gutter....	238 81	278 24	517 05
Van Zandt avenue pier repairs.....	30 16	17 36	47 52
Van Zandt avenue bridge repairs....	15 42	492 62	508 04
Extermination of Tussock Moth and Elm Beetle.....	199 00	24	199 24
Ocean avenue sea wall near Graves Point.....	1,645 55	380 40	2,025 95
Gibbs avenue macadamize from Cham- plin to Water Works road.....	426 42	88 35	514 77
East Bowery street, macadamize from Middleton to Annandale road....	219 59	49 96	269 55

Middleton avenue macadamize, from

Weaver avenue to Merton road..	\$771 08	\$176 30	\$947 38
Oakwood Terrace macadamize.....	267 96	55 54	323 50
Wellington avenue retaining wall...	1,701 56	321 64	2,023 20
	<u>\$96,790 90</u>	<u>\$27,033 90</u>	<u>\$122,824 80</u>

### DETAIL OF EXPENDITURES ON STREETS AND HIGHWAYS FOR THE MUNICIPAL YEAR OF 1910.

#### January

1 Queen & Co., Ltd., muslin paper .....	\$5 17
2 W. M. Harris & Co., lumber.....	17 09
3 Dr. J. G. Lesure, horse medicine.....	16 00
4 Ward Printing Co., printing....	3 50
5 Newport Paper & Grocery Co., toilet.....	84
6 C. A. Hilcken, binding yearly reports.....	1 00
7 The Congdon & Carpenter Co., seat springs.....	10 20
8 Providence Telephone Co., telephone service.....	22 00
9 Stephen L. Goddard, repairing fountain.....	5 70
10 The Birmingham Pen Co., pens, etc.....	2 25
11 Perrin, Seamans & Co., bolts, etc.....	18 67
12 James J. Dugan, garbage.....	406 65
13 George T. King, labor at dump.....	52 00
14 Cornelius Harrington, labor at dump.....	52 00
15 N. Y. N. H. & H. R. R. Co., freight.....	27
16 George A. Weaver Co., screen, etc.....	12 58
17 City Sealer, sealing wagon scales.....	1 00
18 A. & H. G. Hammett, lumber.....	12 64
19 Charles S. Goddard, sharpening tools.....	30 15
20 Wm. B. Scott & Co., brooms, etc.....	38 20
21 John M. Friend, cement.....	8 85
22 Edward S. Peckham, fuel.....	27 08
23 S. W. Coggeshall, marlin, etc.....	4 03
24 George H. Blair, paper, etc.....	2 50
25 Simon Hart, office supplies.....	5 45
26 Ralph R. Barnes, paint, etc.....	2 70
27 James J. Dugan, gravel.....	5 81
28 Freight, etc.....	4 30
29 J. J. Connett, shoeing.....	6 50
30 M. F. Shea, shoeing.....	95 00
31 M. Kennedy, shoeing.....	2 50
32 Daniel Beard, shoeing.....	9 00
33 John E. Liddy, shoeing.....	4 50

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34	Shreenan & Sullivan, shoeing.....	\$4 50
35	Peter F. Clark & Co., shoeing.....	9 00
36	George Callahan, shoeing.....	6 39
37	O. R. Braman, harness repairs.....	6 35
38	H. L. Marsh & Co., forage.....	106 85
39	Dennis Shanahan, forage.....	84 13
40	The Milne Printery, order books.....	7 00
	Pay Rolls.....	3,111 60

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\$4,220 95

## February.

41	Municipal Journal, subscription.....	\$3 00
42	Studebaker Bros. Company, packing, etc.....	24 15
43	Buffalo Steam Roller Co., rear axle bracket.....	40 00
44	Walworth Manufacturing Co., air cocks, etc.....	5 39
45	John Gladding, Jr., printing.....	9 50
46	Wm. P. Clarke, ink.....	1 03
47	George W. Callahan, shoeing.....	2 50
48	Boston & Lockport Block Co., diaphragms.....	10 80
49	James J. Dugan, garbage.....	405 65
50	George T. King, labor at dump.....	48 00
51	Cornelius Harrington, labor at dump.....	48 00
52	S. T. H. Ailman, office supplies.....	1 05
53	Express, etc.....	3 72
54	Wm. B. Scott & Company, gasoline, etc.....	64
55	Heirs of George Bowen, fuel.....	20 47
56	Newport Foundry & Machine Corp.....	20 00
57	Ralph R. Barker, paint, etc.....	11 00
58	Simon Hart, office supplies.....	1 55
59	A. & H. G. Hammett, lumber.....	17 34
60	Dennis Shanahan, forage.....	45 12
61	J. G. Stevens, forage.....	85 27
62	S. W. Coggeshall, scoop, etc.....	3 21
63	George A. Weaver Company, bolts, etc.....	4 16
64	Wright Brothers, paint.....	3 13
65	Henry H. Lawton, bit, etc.....	5 10
66	W. F. Gratrix, soap, etc.....	1 60
67	Charles S. Goddard, repair carts, etc.....	3 90
68	P. F. Clark & Company, shoeing.....	4 50
69	Shreenan & Sullivan, shoeing.....	7 50
70	Daniel Beard, shoeing.....	9 00
71	Daniel J. Sullivan, shoeing.....	4 75
72	P. M. Shea, shoeing.....	5 75
73	Phineas Clark, cart repairs.....	15 33
74	M. F. Shea, tires, etc.....	20 00

## REPORT OF STREET COMMISSIONER

75 Alex J. Flodder, pipe.....	\$1 20
Pay rolls.....	2,022 86

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 \$7,137 09

## March.

76 Harold L. Bond Company, couplings, etc.....	72 86
77 Newport Gas Light Company, gas.....	77
78 Remington Typewriter Company, ribbon coupons.....	7 60
79 James McBride, ointment.....	6 00
80 Main Belting Company, belting.....	56 65
81 Newport Paper & Grocery Company, toilet.....	84
82 Remington Ward, printing.....	3 50
83 Newport Foundry & Machine Corp., shaft, labor, etc.....	22 28
84 Buffalo Steam Roller Company, grate bars.....	28 00
85 George A. Weaver Company, rope, etc.....	12 06
86 James J. Dugan, garbage.....	405 65
87 George T. King, labor at dump.....	54 00
88 Cornelius Harrington, labor at dump.....	54 00
89 C. E. Clarke, filing saws.....	50
90 N. Y., N. H. & H. R. R. Co., freight.....	57
91 The Milne Printery, printing.....	2 50
92 Harry L. DeBols, street hoes.....	18 00
93 Richard F. Walsh, cart repairs.....	16 75
94 Phineas Clark, cart repairs.....	160 35
95 Newport Foundry & Machine Corp., babbitt.....	12 50
96 Heirs of George Bowen, fuel.....	44 30
97 Danie. Beaph, shoeing.....	4 50
98 P. M. Shea, shoeing.....	4 75
99 Wm. B. Scott & Company, brooms, etc.....	86 50
100 Winsor Cement Company, cement.....	124 00
101 Alex. J. Flodder, pipe.....	22 64
102 Express, etc.....	16 21
103 S.W. Coggeshall, shovels, etc.....	32 37
104 Wm. K. O'Vell, watering pot repaired.....	37
105 J. M. K. Searle, rope, etc.....	3 51
106 W. L. N. Searle.....	4 05
107 J. O. Stevens, etc.....	219 26
108 J. O. Stevens, etc., princess metallic.....	30
109 George M. Felt, etc., etc.....	7 95
110 George M. Felt, etc., etc.....	4 75
111 George M. Felt, etc., etc.....	75
112 S. W. Coggeshall, shoeing.....	4 50
113 P. M. Shea, shoeing.....	5 00
114 Charles Searle, etc., etc., etc.....	7 50
115 J. O. Stevens, etc.....	45

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116	Wright Brothers, turpentine, etc.....	\$2 00
117	Mercury Publishing Company, printing.....	5 00
118	M. F. Shea, repair rail, Easton's Beach.....	27 54
119	J. D. Johnston, lumber and milling.....	4 61
120	A. & H. G. Hammett, lumber and cement.....	67 29
121	N. Y., N. H. & H. R. R. Co., freight .....	47 45
122	J. Stacy Brown, stone.....	19 90
123	Newport Foundry & Machine Corp., babbitt, etc....	7 88
	Pay rolls.....	2,830 63

\$11,678 90

## April.

124	Sch. Lizzie D. Small, John Latty, 'Master, freight, etc	\$320 04
125	Walworth Manufacturing Company.....	1 81
126	Ward Printing Company, printing.....	37 00
127	Providence Telephone Company, telephone service...	23 69
128	American Brake Shoe & Foundry Company, concaves.....	85 00
129	Buffalo Steam Roller Company, steam roller.....	3,000 00
130	James P. Taylor, oil hat.....	50
131	McKiernan Drill Company, steam chest complete...	14 04
132	The Congdon & Carpenter Company, iron.....	16 35
133	Waters Governor Company, gear and disk.....	2 70
134	Buffalo Steam Roller Company, roller supplies.....	1,194 50
135	Harold L. Bond Company, leading wire, etc.....	7 60
136	James H. Hart, smoke stacks, etc.....	23 60
137	James J. Dugan, garbage.....	405 65
138	George T. King, labor at dump.....	56 75
139	Cornelius Harrington, labor at dump.....	56 75
140	Alex J. Fludder, pipe.....	160 44
141	George A. Weaver Company, broom handles, etc...	11 13
142	A. & H. G. Hammett, lumber.....	20 20
143	John J. Connell, kerosene .....	4 50
144	James S. Ramlose, repairs to rubber boots.....	1 75
145	Simon Hart, office supplies.....	65
146	Wm. B. Scott & Company, shovels, etc.....	37 85
147	George Stanhope, salt, etc.....	55
148	Henry Biesel & Son, reins, etc.....	9 80
149	P. F. Clark & Company, shoeing.....	4 50
150	M. Kennedy, shoeing.....	5 00
151	Dudley P. Bacheller, re-set tire, etc.....	90
152	Robert W. Curry, spruce.....	1 35
153	Ralph R. Barker, oil.....	40
154	J. T. O'Connell, rope, etc.....	1 52
155	Charles S. Goddard, sharpening tools.....	4 20

156	C. E. Clarke, filing saws.....	\$1 25
157	W. L. Nordling, kerosene.....	4 50
158	Hooper, Havey & Company, curb.....	1,166 34
159	Jos. P. Cotton, discharging curb.....	180 00
160	Newport Foundry & Machine Corp., packing, etc.....	34 27
161	S. W. Coggeshall, salarine, etc.....	5 03
162	J. M. K. Southwick, dynamite, etc.....	44 30
163	J. B. F. Smith, oil.....	5 00
164	George H. Carr, time books, etc.....	4 18
165	Wright Brothers, bronzite and oil.....	17 00
166	J. G. Stevens, forage.....	165 06
167	Daniel Beard, shoeing.....	4 50
168	Shreenan & Sullivan, shoeing.....	4 50
169	Daniel J. Sullivan, shoeing.....	5 20
170	C. F. D. Fayerweateer, sharpening tools.....	30
171	Phineas Clark, steel, etc.....	14 09
172	M. F. Shea, bolts, etc.....	21 02
173	S. T. H. Ailman, envelopes, etc.....	1 25
174	Stephen L. Goddard, repair faucet.....	2 00
175	Heirs of George Bowen, fuel.....	244 44
176	Downing Brothers, witch hazel.....	75
177	Express, etc.....	2 11
178	Michael F. Sullivan, cartage crushed stone.....	229 49
179	J. Stacy Brown, stone.....	80 66
180	J. K. Sullivan, gravel.....	44 91
181	James H. Hart, smoke stack.....	8 00
182	Remington Ward, printing.....	8 00
	<b>Total.....</b>	<b>6,779 13</b>
		<hr/>
		<b>\$26,266 90</b>

## May.

183	W. H. Brown, Flagstone Company, flagstone.....	\$530 13
184	W. H. Brown, Flagstone Company, quadrant, etc.....	3 75
185	J. M. Sullivan, shoeing.....	8 76
186	W. H. Brown, Flagstone Company, pine.....	58 61
187	W. H. Brown, Flagstone Company, labor, etc.....	13 07
188	W. H. Brown, Flagstone Company, manuscript covers.....	1 00
189	W. H. Brown, Flagstone Company, sanitary, toilet.....	84
190	W. H. Brown, Flagstone Company, standing standpipe.....	39 36
191	W. H. Brown, Flagstone Company, steel.....	9 62
192	W. H. Brown, Flagstone Company, thought.....	6 19
193	W. H. Brown, Flagstone Company, tools, etc.....	17 25
194	W. H. Brown, Flagstone Company, wall calls.....	2 35
195	W. H. Brown, Flagstone Company.....	405 65

# REPORT OF STREET COMMISSIONER

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196	George T. King, labor at dump.....	\$58 50
197	Cornelius Harrington, labor at dump.....	58 50
198	Frank E. Fitts Manufacturing & Supply Co., belt dressing, waste.....	57 70
199	Wm. B. Scott & Company, wire spikes, etc.....	3 60
200	John M. Taylor, City Treasurer, stamped envelopes.....	10 92
201	S. T. H. Ailman, pencils and pads.....	1 60
202	City Sealer, adjusting scales at crusher and city yard.....	3 00
203	Daniel Beard, shoeing.....	4 50
204	John H. Wetherell, use of wagon.....	15 00
205	Harold L. Bond Company, bucket bolts, etc.....	20 67
206	Heirs of George Bowen, fuel.....	275 19
207	Remington Ward, printing.....	7 50
208	Harry L. DeBlois, street hoes.....	12 00
209	Freight, express, etc.....	7 72
210	Ward Printing Company, printing.....	4 00
211	Wright Brothers, bronzite, etc.....	10 60
212	George H. Chase, blue prints.....	85
213	Wm. H. King, repairing coupling.....	75
214	Jas. H. Hart, repair oil can.....	50
215	S. W. Coggeshall, spades, scythes, etc.....	11 74
216	Jacob Mohr, sharpening tools.....	1 82
217	Charles S. Goddard, sharpening tools.....	8 53
218	Barker Brothers Company, globe valve.....	3 20
219	A. & H. G. Hammett, lumber, etc.....	41 63
220	Alex J. Fludder, pipe.....	5 67
221	J. M. K. Southwick, dynamite, etc.....	63 50
222	C. F. D. Fayerweather, sharpening tools.....	30
223	Wm. P. Clarke, envelopes, etc.....	2 05
224	J. G. Stevens, forage.....	219 55
225	W. L. Nordling, kerosene.....	4 50
226	Newport Engineering Works, grease cup.....	40
227	The Peckham Company, spikes, etc.....	3 00
228	J. D. Johnston, lumber and milling.....	4 43
229	Newport Foundry & Machine Corp., oils, etc.....	27 22
230	Ralph R. Barker, white lead, etc.....	3 75
231	N. Y., N. H. & H. R. R. Co., freight.....	3 14
232	Shreenan & Sullivan, shoeing.....	4 50
233	M. Kennedy, shoeing.....	5 00
234	P. M. Shea, shoeing.....	7 75
235	Peter F. Clark & Company, shoeing.....	4 50
236	Daniel J. Sullivan, shoeing.....	6 90
237	O. R. Braman, stable supplies.....	15 80
238	Phineas C. Clark, repair carts.....	5 50
239	Dalton E. Young, vaseline.....	15
240	D. P. Bacheller, repair buggy.....	2 45

241	Downing Brothers, sulphur.....	\$1 00
242	Stephen L. Goddard, repair fountain.....	11 55
243	J. K. Sullivan, gravel.....	152 84
244	D. J. Sullivan & Company, weighing gravel.....	70
245	Hooper, Havey & Company, granite blocks.....	115 50
246	Michael F. Sullivan, cartage crushed stone.....	519 97
247	J. Stacy Brown, stone.....	126 39
248	T. G. Owen, overhauling and modeling automobile...	312 75
	Pay rolls.....	9,865 84
		<hr/>
		\$39,480 10

## June.

249	Michael F. Sullivan, cartage crushed stone....	\$112 07
250	Harold L. Bond Company, sewer brush.....	33 25
251	N. Y., N. H. & H. R. R. Co., freight.....	53 18
252	McKiernan Drill Company, steam hose, etc.....	27 65
253	American Brake Shoe & Foundry Co., segments, etc.	84 00
254	New England Navigation Company, repair boiler....	70 73
255	Buffalo Steam Roller Company, grease, etc.....	18 00
256	Scannevin & Potter, pipe.....	85 64
257	Philip F. Conroy, steam pump, etc.....	223 35
258	H. L. Marsh & Company, bag.....	25
259	Newport Paper & Grocery Company, Quaker Oats..	3 50
260	John S. Lamson, Jr., dustoline.....	1,052 74
261	Newport Gas Light Company, pipe.....	9 60
262	James J. Dugan, garbage.....	405 65
263	George T. King, labor at dump.....	58 50
264	Cornelius Harrington, labor at dump.....	58 50
265	Alex J. Fludder, pipe.....	5 04
266	George A. Weaver Company, repair mower, etc.....	10 70
267	Lincoln Hammett, repair fountain.....	24 08
268	Wm. B. Scott & Company, brooms, etc.....	88 75
269	Jas. H. Hart, smoke stack, etc.....	11 25
270	H. L. DeBlois, street hoes.....	12 00
271	A. & H. G. Hammett, lumber.....	11 86
272	W. L. Nordling, kerosene.....	4 50
273	J. J. Connel, kerosene.....	4 50
274	John D. Richardson, buggy.....	10 00
275	Benjamin Easton, use of horse.....	34 50
276	Richard E. Walsh, repair cart.....	7 00
277	Daniel Beers, shoeing.....	10 88
278	P. M. Shea, shoeing.....	5 75
279	M. Kennedy, shoeing.....	7 50
280	P. P. Clark & Company, shoeing.....	4 50



281	Daniel J. Sullivan, shoeing.....	\$5 00
282	J. G. Stevens, forage.....	195 02
283	W. F. Gratrix, repairs harness, etc.....	21 75
284	Phineas C. Clark, repair carts.....	26 25
285	Dudley P. Bacheller, repair shaft shackle.....	75
286	J. D. Johnston, lumber, etc.....	56 88
287	S. W. Coggeshall, shovels, etc.....	16 44
288	J. M. K. Southwick, dynamite, etc.....	20 16
289	Wm. H. King, repair lubricator.....	85
290	Simon Hart, office supplies.....	1 50
291	George H. Carr, office supplies.....	4 12
292	M. F. Shea, repair carts, etc.....	118 67
293	Newport Foundry & Machine Corp., oils, etc.....	21 84
294	Charles S. Goddard, sharpening tools, etc.....	2 85
295	D. J. Sullivan, sharpening tools.....	2 95
296	C. F. D. Fayerweather, sharpening tools.....	85
297	Shreenan & Sullivan, shoeing.....	5 38
298	Remington Ward, printing.....	1 50
299	Newport Daily News, advertising.....	3 30
300	Heirs of George Bowen, fuel.....	274 64
301	Express.....	2 70
302	Herald Publishing Company, advertising.....	3 50
303	J. K. Sullivan, gravel.....	293 06
304	D. J. Sullivan & Company, weighing gravel.....	12 60
305	Michael F. Sullivan, cartage crushed stone.....	444 19
306	J. Stacy Brown, stone.....	131 04
307	Hooper, Havey & Co., granite blocks.....	367 73
308	Wright Brothers, bronzite, etc.....	11 50
309	J. B. F. Smith & Co., oil.....	1 00
310	N. Y., N. H. & H. R. R. Co., demurrage.....	7 00
	Pay rolls.....	8,775 32
		<hr/>
		\$52,859 86

## July.

311	Harold L. Bond Co., injector, etc.....	\$27 56
312	John S. Lamson, Jr., dustoline.....	1,050 33
313	Wm. M. Harris & Co., lumber.....	58 36
314	Main Belting Co., lace.....	13 50
315	F. E. Fitts Mfg. & Supply Co., belt dressing, etc...	53 68
316	Fuller Iron Works, manhole rims and covers.....	54 00
317	Sampson & Murdock Co., directory.....	2 00
318	Western Union Telegraph Co., message.....	40
319	Hugh Corrigan, carting castings to crusher.....	1 00
320	James H. Hart, repair pipe.....	75
321	Scannevin & Potter, pipe.....	5 27
322	Providence Telephone Co., service and toll calls.....	23 00

323	New England Navigation Co., cement, labor, etc.....	\$9 15
324	Newport Paper & Grocery Co., oatmeal, etc.....	8 84
325	C. E. Clarke, sharpening tools.....	1 60
326	James J. Dugan, garbage.....	405 65
327	George T. King, labor at dump.....	58 50
328	Cornelius Harrington, labor at dump.....	58 50
329	American Brake Shoe & Foundry Co., segments, etc.....	65 00
330	George A. Weaver Co., brushes, etc.....	7 20
331	Boston Woven Hose & Rubber Co., suction hose, etc.....	40 50
332	Congdon & Carpenter Co., zinc.....	8 61
333	J. J. Connell, kerosene.....	4 50
334	W. L. Nordling, kerosene.....	4 50
335	J. P. Cotton, crushed stone.....	6 30
336	George H. Carr, office supplies.....	3 75
337	Heirs of George Bowen, fuel.....	225 01
338	J. M. K. Southwick, dynamite, etc.....	63 50
339	Newport Ship Yard, zinc.....	3 80
340	Newport Engineering Works, zinc.....	3 00
341	Newport Foundry & Machine Corp., oils, etc.....	22 25
342	S. W. Coggeshall, shovels, etc.....	32 32
343	A. & H. G. Hammett, lumber and brick.....	22 94
344	Thomas Lucas, repair Elm street pier.....	54 07
345	James P. Taylor, oil jacket.....	1 00
346	Ralph R. Barker, putty, etc.....	36
347	Alex. J. Fludder, pipe.....	54 72
348	Philip F. Conroy, pipe and fittings at Hazard's beach.....	52 78
349	H. H. Lawton, harness repairs, etc.....	22 40
350	J. G. Stevens, forage.....	154 37
351	Daniel J. Sullivan, shoeing.....	4 59
352	M. Kennedy, shoeing.....	5 00
353	P. M. Spen, shoeing.....	8 00
354	Peter F. Clark & Company, shoeing.....	4 11
355	Dukey P. Barchiesi, repair buggy.....	5 00
356	Wm. H. Seaton & Co., beams, etc.....	4 00
357	D. J. S. Jones, sharpening tools.....	6 00
358	Charles S. Jones, sharpening tools.....	6 00
359	C. H. Jones, sharpening tools.....	6 00
360	George S. Jones, repairing leather boots.....	6 00
361	John S. Jones & Co., etc.....	3 00
362	John S. Jones & Co., etc.....	5 00
363	John S. Jones & Co., etc.....	4 00
364	M. J. Jones, etc.....	47 00
365	S. J. Jones, etc.....	5 00
366	etc.....	8 00
367	etc.....	4 00
368	etc.....	4 00

369	Hooper, Havey & Company, granite blocks and culls	\$191 50
370	J. K. Sullivan, gravel	179 68
371	D. J. Sullivan & Company, weighing gravel	4 00
372	Michael F. Sullivan, cartage crushed stone	473 65
373	J. Stacy Brown, stone	103 03
	Pay rolls	9,519 97

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 \$66,142 59

## August.

374	Michael F. Sullivan, cartage crushed stone	\$117 14
375	Providence Telephone Company, toll calls	1 20
376	The Birmingham Pen Company, pens	2 50
377	Clinton Point Stone Co., stone	800 63
378	J. K. Sullivan, discharging stone	123 53
379	George H. Chase, blue prints	90
380	Perrin, Seamans & Co.	3 38
381	Walworth Manufacturing Co.	2 60
382	T. T. Pitman, advertising	5 10
383	Herald Publishing Co., advertising	5 00
384	Thomas Lucas, repairs at piers	18 46
385	The Burbidge Co., repairs at Forty Steps	52 55
386	Heirs of George Bowen, fuel	295 06
387	James J. Dugan, garbage	405 65
388	George T. King, labor at dump	60 75
389	Cornelius Harrington, labor at dump	60 75
390	Hooper, Havey & Co., granite blocks and culls	86 85
391	J. K. Sullivan, gravel	322 51
392	D. J. Sullivan & Co., weighing gravel	14 00
393	John S. Lamson, Jr., dustoline	423 67
394	Stephen L. Goddard, repair fountain	3 00
395	Harry L. DeBlois, street hoes	18 00
396	Wm. B. Scott & Co., scythes, etc.	4 15
397	N. Y., N. H. & H. R. R. Co., freights	1 01
398	McKiernan Drill Co., feed nut, etc.	5 50
399	Newport Foundry & Machine Corp., oils, etc.	44 98
400	J. M. K. Southwick, dynamite, etc.	45 75
401	Express	1 15
402	S. W. Coggeshall, shovels, etc.	34 27
403	A. & H. G. Hammett, lumber, etc.	34 92
404	Newport Paper & Grocery Co., oatmeal	8 00
405	W. L. Nordling, kerosene	8 75
406	J. J. Connell, kerosene	4 50
407	Newport Water Works, valve, etc.	1 86
408	Hayman & Nason, painting signs	7 50
409	James S. Ramlose, rubber boots	15 00
410	George G. Popple, rubber boots	12 75

411	Perrin, Seamans & Co., lanterns.....	\$20 70
412	Simon Hart, scale book, etc.....	1 60
413	Wm. P. Clarke, ink .. .. .	1 00
414	S. T. H. Ailman, pencils, etc.....	1 25
415	George H. Carr, day book, etc.....	3 40
416	Ward Printing Co., printing.....	3 50
417	J. G. Stevens, forage.....	218 61
418	Peter F. Clark & Co., shoeing .....	10 00
419	M. Kennedy, shoeing.....	5 00
420	Daniel J. Sullivan, shoeing.....	4 50
421	P. M. Shea, shoeing.....	8 00
422	Daniel Beard, shoeing.....	10 26
423	Shreenan & Sullivan, shoeing.....	4 50
424	Phineas C. Clark, repair shaft bolts.....	1 50
425	Henry Biesel & Son, harness repairs, etc.....	11 20
426	George A. Weaver Co., rope, etc.....	6 51
427	Charles S. Goddard, sharpening tools, etc.....	4 60
428	C. F. D. Fayerweather, sharpening tools .....	7 80
429	D. J. Sullivan, sharpening tools.....	8 70
430	Michael F. Sullivan, cartage crushed stone.....	448 92
431	J. Stacy Brown, stone.....	131 82
432	J. D. Johnston, lumber, etc.....	61 70
433	M. F. Shea, repairs to watering carts, etc.....	46 60
434	C. E. Clarke, filing saws.....	75
435	J. T. O'Connell, rope.....	2 50
436	Alex. J. Fludder, pipe.....	605 63
437	H. E. Fletcher Co., granite culls.....	127 96
438	N. Y., N. H. & H. R. R. Co., freights.....	77 42
	Pay rolls .....	13,018 35
		<hr/>
		\$84,050 19

## September.

439	Michael F. Sullivan, cartage crushed stone.....	\$123 82
440	Wm. B. Scott & Co., brooms .....	85 80
441	A. & H. G. Hammett, lumber.....	16 58
442	T. Mumford Seabury Co., rubber boots.....	6 00
443	George A. Weaver Co., shovel, etc.....	1 94
444	S. W. Coggeshall, scoop, etc.....	1 98
445	New England Steam Brick Co., brick .....	137 50
446	Buffalo Steam Roller Co., spring scrapers, etc.....	8 50
447	W. L. Nordling, kerosene .....	4 00
448	The Western Union Telegraph Co., telegram.....	40
449	L. C. Smith & Bros. Typewriter Co., typewriter .....	78 54
450	Ward Printing Co., printing record book, etc.....	37 54
451	John Gladding, Jr., printing .....	3 7
452	S. T. H. Ailman, envelopes .....	1 00

# REPORT OF STREET COMMISSIONER

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453	Providence Telephone Co., toll call.....	\$	20
454	Newport Grocery Co., toilet .....		84
455	Alex. J. Fludder, pipe.....	126	62
456	John M. Friend, brick .....	25	90
457	C. F. D. Fayerweather, sharpening tools.....	6	40
458	D. J. Sullivan, sharpening tools.....		40
459	Charles S. Goddard, sharpening tools.....	10	45
460	J. M. K. Southwick, dynamite, etc.....	23	60
461	F. E. Fitts Mfg. & Supply Co., packing.....	17	05
462	Edgar Allen American Manganese Steel Co., screen roller.....	22	00
463	Newport Foundry & Machine Corp., oils, etc.....	23	54
464	The Congdon & Carpenter Co., spelter.....	8	61
465	Taylor Iron & Steel Co., segments .....	80	00
466	J. J. Connell, kerosene .....	4	50
467	Heirs of George Bowen, fuel.....	222	94
468	J. G. Stevens, forage.....	164	73
469	Wm. K. Covell, watering pot.....	1	00
470	Peter F. Clark & Co., shoeing.....	4	50
471	Daniel J. Sullivan, shoeing.....	4	50
472	Daniel Beard, shoeing.....	5	13
473	Shreenan & Sullivan, shoeing.....	4	50
474	J. R. Chase, motor cycle chains, etc.....	22	00
475	Newport Gas Light Co., gas.....		11
476	M. F. Shea, repairs to cart, etc.....	21	10
477	J. K. Sullivan, gravel .....	117	49
478	D. J. Sullivan & Co., weighing gravel.....		40
479	James J. Dugan, garbage .....	405	65
480	George T. King, labor at dump.....	58	50
481	Cornelius Harrington, labor at dump.....	58	50
482	H. E. Fletcher & Co., paving cull.....	139	81
483	N. Y., N. H. & H. R. R. Co., freights .....	117	40
484	Express.....		1 45
485	J. D. Johnston, lumber and milling .....	2	87
486	S. B. Gladding, motor cycle tire and chains.....	14	50
487	Michael F. Sullivan, cartage crushed stone.....	378	06
488	J. Stacy Brown, stone.....	104	86
489	The Milne Printery, printing annual reports .....	144	00
	Pay rolls .....	9,720	26
		\$96,621	80

## October.

490	Michael F. Sullivan, cartage crushed stone.....	\$103	86
491	Providence Telephone Co., telephone service .....	22	00
492	Simon Hart, pens.....	1	00



## November

H. Carr, office supplies	3. 25
Hart, large boots	4. 45
Printing Co., paper	1. 75
House Cleaning Co., cleaning two maps	50
Paper & Grocery Co., toilet	3. 45
A. Weaver Co., broom handles, etc.	4. 00
George Bower, fee	17. 25
C. Covell, repairing watering pot, etc.	1. 15
S. Goddard, bolts, etc.	1. 00
Lamson, Jr., dusting	12. 50
N. H. & H. E. R. Co., demurrage, dusting	6. 00
H. Hart, repairing pump, etc.	1. 45
Oil Company of New York, treating road oil	62. 50
Telephone Company, toll call	30
Brothers, oil, bronze, etc.	16. 75
Water Works, pipe	52
ckham Co., princess, metallic	30
C. Clark, watering cart repairs	3. 75
R. Barker, paint, etc.	6. 25
Foundry & Machine Corp., oils, etc.	30. 50
England Navigation Co., settling tank repairs	15. 00
der J. Fludder, pipe	30. 17
Sullivan, gravel	36. 17
t Manufacturing Co., Tarmac "B"	174. 55
F. Sullivan, cartage crushed stone	247. 10
ry Brown, stone	65. 45
Shea, repairing carts, etc.	30. 80
s Lucas, repairing building, City Yard	250. 00
s Preece, raising building at City Wharf	100. 00
tevens, forage	206. 00
Horseman, veterinary services	10. 00
H. Lawton, harness repairs, whip, etc.	6. 10
R. Braman, harness repairs	1. 55
Shea, shoeing	8. 00
F. Clark & Co., shoeing	4. 50
J. Sullivan, shoeing	7. 56
an & Sullivan, shoeing	6. 75
Beard, shoeing	5. 13
Smith & Bros., Typewriter Co., ribbon coupons	3. 50
Clarke, filing saws	1. 75
I. G. Hammett, lumber, etc.	21. 70
Johnston, shingles	2. 85

576	R. B. Wilson, Jr., rubber elbow and spud .....	\$	4
577	S. W. Coggeshall, roofing, etc .....	8	7
578	Philip F. Conroy, fittings .....	2	0
579	Max David, canvas, etc .....	2	0
580	Thomas Preece, plank .....	4	0
581	Highway Department, stamps, map, etc .....	6	3
582	W. L. Nordling, kerosene .....	4	0
583	James J. Dugan, garbage .....	40	5
584	George T. King, labor at dump .....	5	8
585	Cornelius Harrington, labor at dump .....	5	8
586	J. K. Sullivan, gasoline .....	7	9
587	Julius Burdick, gasoline .....	1	0
588	Sidney B. Gladding, gasoline .....	8	3
	Pay Rolls .....	10,89	5
		<b>\$119,59</b>	<b>5</b>

## December.

589	Heirs of George Bowen, fuel .....	\$6	
590	Wm. B. Scott & Co., brooms .....	42	
591	J. K. Sullivan, gravel .....	3	
592	A. & H. G. Hammett, cement and brick .....	26	
593	J. Stacy Brown, stone .....	7	
594	S. W. Coggeshall, butts .....		
595	J. B. F. Smith & Co., paint and oil .....	10	
596	Simon Hart, rubber bands, etc .....		
597	L. C. Smith & Bros., Typewriter Co., carbon .....	6	
598	James J. Dugan, garbage .....	661	
599	George T. King, labor at dump .....	33	
600	Cornelius Harrington, labor at dump .....	33	
601	J. G. Stevens, forage .....	61	
602	Henry Biesel & Son, stable supplies, etc .....	5	
603	James McBride, liniment .....	2	
604	P. M. Shea, shoeing .....	4	
605	Peter F. Clark & Co., shoeing .....	4	
606	Daniel Beard, shoeing .....	5	
607	Shreenan & Sullivan, shoeing .....	4	
608	Daniel J. Sullivan, shoeing .....	5	
609	Express, etc .....	75	
610	Bellevue Taxicab Garage Co., overhauling auto .....	35	
	Pay Rolls, .....	3,229	
		<b>\$122,824</b>	<b>80</b>

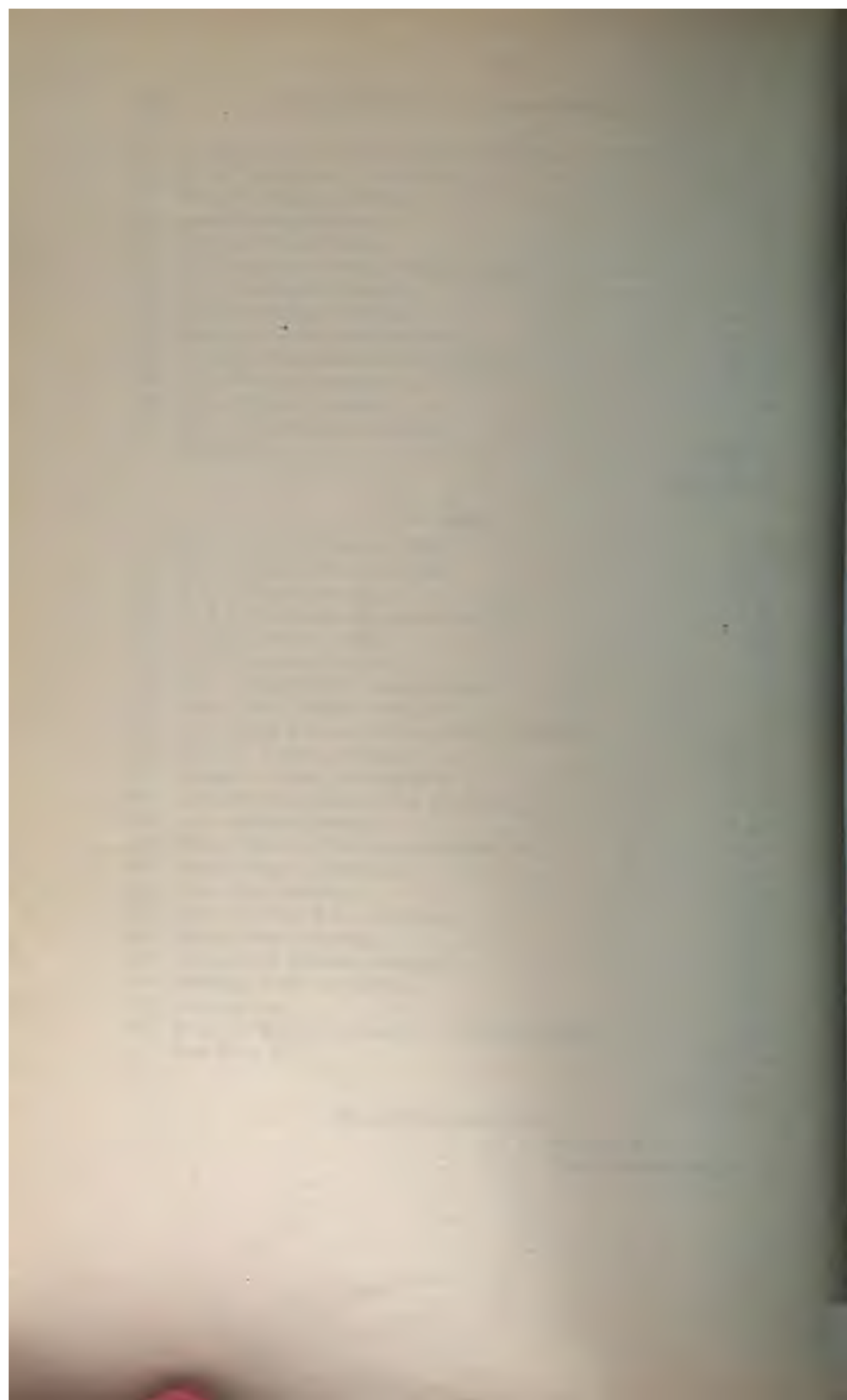
Respectfully submitted,

J. K. SULLIVAN,

Street Commissioner.











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ANNUAL REPORT  
of the  
Street Commissioner



of the  
CITY OF NEWPORT  
RHODE ISLAND  
1911

V D O



Annual Report

OF THE

Street Commissioner

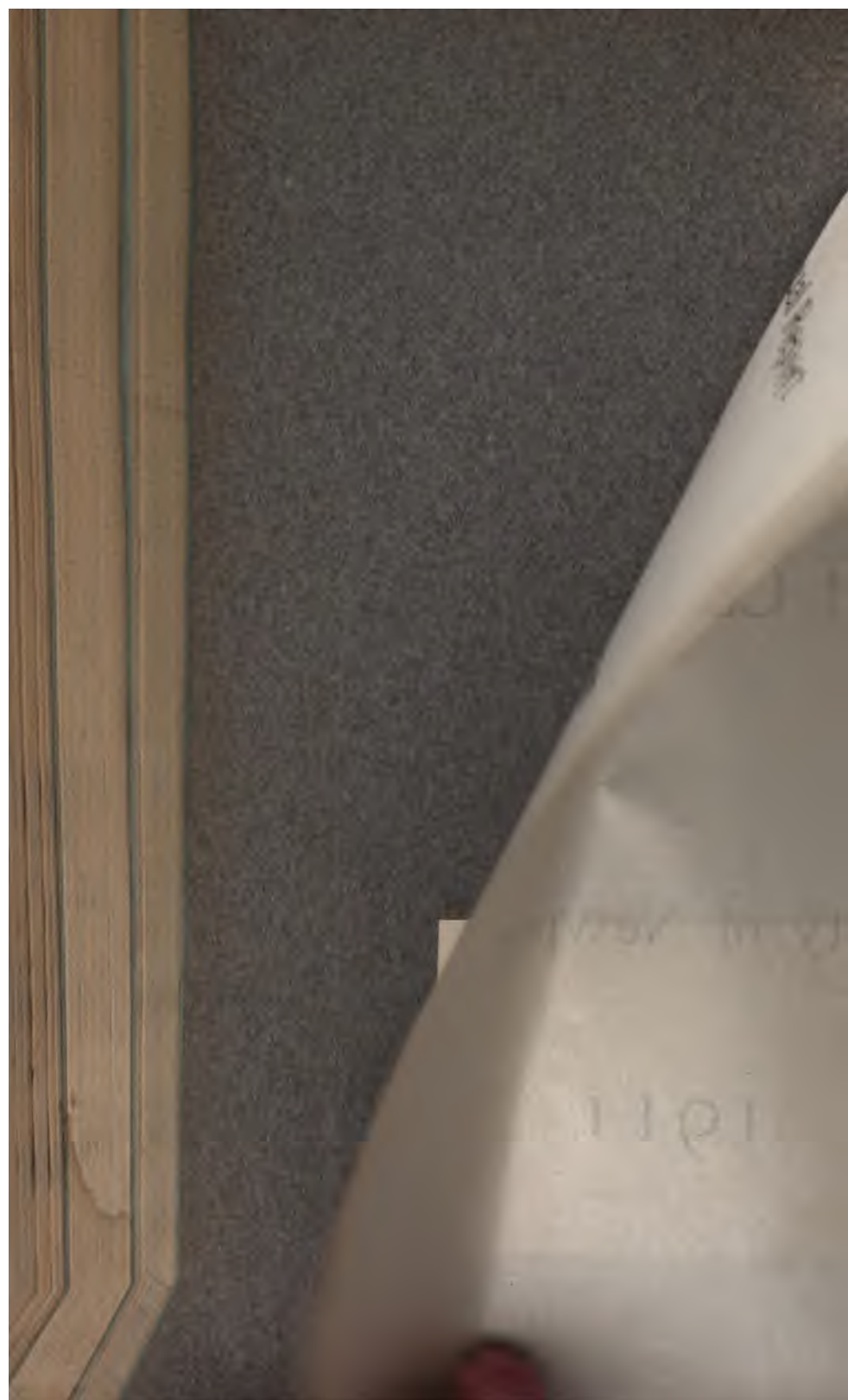
OF THE

City of Newport

Compliments of

J. K. Sullivan,  
Street Commissioner.

Francis M. Sisson, Clerk.







# Annual Report of Street Commissioner.

December 31, 1911.

To the Honorable Representative Council of the City of Newport:

Gentlemen:—I again have the honor of submitting the following report of the operations of the Department of Highways and Bridges for the municipal year of 1911.

## STATISTICS

This office has carefully prepared and revised the following statistics from the records of the department, viz.:

Streets		Mileage
Granite block pavement . . . . .		1.69
Bitulithic and Granite block pavement . . . . .		1.56
Telford macadam . . . . .		15.55
Macadam . . . . .		40.85
Tarvia-macadam . . . . .		2.24
Tarvia . . . . .		1.73
Cobble . . . . .		.51
Dirt . . . . .		27.05
Total . . . . .		91.17
Sidewalks		
Granolithic . . . . .		18.317
Granolithic and dirt . . . . .		.748
Flagstone . . . . .		2.598
Flagstone and cobble . . . . .		.145
Flagstone and dirt . . . . .		1.428
Brick . . . . .		2.898
Asphalt . . . . .		.644
Asphalt block . . . . .		.485
Plank . . . . .		.313
Dirt . . . . .		86.974
Total . . . . .		114.937

**Gutters**

Granite curbs . . . . .	17.45
Cobbles . . . . .	36.51
Flagstone and cobbles . . . . .	.92
<b>Total . . . . .</b>	<b>54.88</b>

**Curb**

Bluestone . . . . .	40.788
Granite . . . . .	15.354
Granolithic . . . . .	1.853
<b>Total . . . . .</b>	<b>57.995</b>

**Sewers**

Vitrified pipe . . . . .	39.738
Cast iron pipe . . . . .	.799
Circular brick . . . . .	4.727
Brick . . . . .	1.449
Stone . . . . .	.516
Tunnel . . . . .	.388
Cement pipe . . . . .	.104
<b>Total . . . . .</b>	<b>47.721</b>

**City Wharf.**

Necessary repairs were made to the City Stable from time to time during the year. On December 6th, contract was awarded to Mr. Thomas Lucas to reshingle part of the stable roof for the sum of \$75.00. Other miscellaneous repairs were made at an expense of \$66.80.

**City Scales.**

The City Scales, located on City Wharf, have been in use for over twenty-five years. They are completely worn out, and beyond repair. I recommend that an appropriation be made next year to install a new set of platform scales.

**Horses and Carts.**

The appropriation of \$750.00 for horses was not expended this year, but, I would recommend that the same amount be appropriated next year as you cannot tell when horses will fall out.

The Chief of the Fire Department again this year loaned a horse, but he failed to last the entire season.

Mr. Benjamin Easton has kindly loaned the department a horse during the winter months for his "keep".

paired and repainted by the per-  
cent, during the winter months.

and ice.

as far as expense is con-  
total cost this year being

following table, showing the cost  
past ten years, viz:

.....	\$2,967.17
.....	8,049.79
.....	1,860.55
.....	2,752.04
.....	620.42
.....	4,087.16
1908.....	1,680.76
1909.....	804.54
1910.....	3,363.95
1911.....	1,871.61

**\$28,057.99**

This makes an average cost per year for the past ten years of **\$2,805.79**. It is very difficult to estimate the cost of removing snow. This year the appropriation was \$3,500.00 and the cost \$1,871.61, leaving a balance of \$1,628.39, but we may not be so fortunate next year. By referring to the above table you will see that it cost over \$8,000.00 in the year 1903.

#### Removal of Snow, Year 1911.

	Teams		Carts		Total
	Loads	Cu. Yds.	Loads	Cu. Yds.	Cu. Yds.
<b>1910</b>					
<b>Dec. 19.....</b>	11	33	26	52	85
20.....	6	18	5	10	28
23.....	2	6	8	16	22
<b>1911</b>					
<b>Feb. 8.....</b>	44	132	73	146	278
9.....	28	78	58	116	194
9.....	16	48	..	...	48
10.....	31	93	36	72	165
11.....	27	81	35	70	151
13.....	35	105	52	104	209
14.....	20	60	31	62	122
16.....	21	63	17	34	97
21.....	48	144	77	154	298

## REPORT OF STREET COMMISSIONER

22.....	34	72	47	94
23.....	40	120	57	114
24.....	18	54	49	98
25.....	16	48	20	40
	395	1,155	591	1,182

## Street Cleaning.

The cleaning of streets, other than the permanent pavements was commenced on April 4th, and continued until November 17th when the work was shut down until next spring.

The street cleaning gangs are divided into five sections, two of which clean the streets in the most inhabited part of the city, two other gangs cover the suburban districts, cleaning, mowing, weeding, etc; and one section covers Bellevue avenue during the summer months. The total loads of material removed this season was 8,709.

The permanent pavements are cleaned throughout the year, except in extreme cold weather, and when the pavements are covered with snow.

From our card index system, we submit the following table, showing the amount of work done by this part of the department, viz:

## Cleaning Streets, Season 1911.

Permanent Pavements,	Miles	Sq. Yds.	Cost
Broadway & Washington Sq.....	226.2	7,480,307	\$2,010.46
Long Wharf, .....	130.6	1,570,426	836.92
Spring Street, .....	638.2	8,035,900	2,256.47
Thames Street, .....	747.9	9,616,698	5,999.50
Total .....	1,742.9	26,703,331	\$11,103.35
All other streets, .....	1,389.4	23,843,335	17,685.65
	3,132.3	50,546,666	\$28,789.00

## Collection and Disposal of the City Refuse.

This is the fifth and last year for the collection and disposal of the City Refuse, under the five year contract of Mr. J. J. Dugan, which expires on the first day of January, 1912.

Fifty-three complaints were made this year, which were adjusted by the contractor.

I again recommend this year that the City purchase a full equipment, and that the collection of refuse be performed by this Department.

Dumping accommodations are getting very scarce so I would also recommend that the City Refuse be carried out to sea. By the

disposing of the refuse in this manner, we would eliminate the nuisance of smoke in the burning of rubbish, and to a certain extent we would curtail the blowing of papers over the streets.

To adopt this system, a suitable house could be built on the City Wharf. We can have a slip on the west side, thirty feet wide and three hundred and twenty feet long. This could be excavated to a depth of say ten feet of water, which would accomodate two dump scows, one to be empty all the time to take the place of the loaded one, when at sea. This house could be absolutely dust proof, and built over the slip so that the scow could be put under same to load, the loading to be done when the carts arrive. The floor space would be large enough to turn the teams around and dump into the scows.

This department has been making some inquiries in the method of this kind of disposal, and we find that in no case has there been any complaint of the refuse returning to the shores, other than a few wooden pie plates.

We are of the opinion that we could get, free of cost to the City, labor enough to take care of the scows, by allowing certain parties the privilege of picking the junk, etc., thereby saving the expense of two men at dumps, which amounts to about \$1,400.00 yearly.

In disposing of the refuse by this system, the city would not be under any obligations to anyone owning land, for the privilege of using same for a dumping place, and which party may want to discontinue the use of same when most needed.

I have another proposition to make regarding the disposal of the City refuse. If the Almy Pond property was acquired by the City, we would have a dumping place which would last for some years.

A number of land-owners in this locality would be pleased to have this pond filled in, and a road built around it for driving purposes, leaving a small lake in the center. When the pond is filled, they would beautify the place by planting trees, shrubs, etc, making it into a recreation park for the use of the public, and in time, if it could be done, a continuance of Morton Park.

I have talked with a number of citizens regarding this project, and in no case was there any objection.

I recommend this proposition more strongly than I do the disposal by towing to sea.

#### **Cleaning Catch Basins and Eyes.**

As in former years, four men and cart are employed, during the year, weather permitting, in cleaning and flushing catch basins and



eyeholes. 1,623 catch basins and 862 eyeholes were cleaned, and 1,623 loads of material were removed during the past season, at an expense of \$3,632.48.

#### Catch Basins and Eyes.

	Catch Basins.	Eye- holes.	Total.
Total number last year,	458	232	690
Located during 1911,		32	32
Built during 1911,	2	3	5
Total to date,	460	267	727

#### Cleaning Main Sewers.

This past season being so dry, we were not obliged to expend so much money for the cleaning of the main sewers, and the four men, who generally do this work, were employed in the repairing of the pavements of Broadway, Spring street and Coggeshall avenue, to very good advantage.

We have now about 48 miles of sewers, and the total cost of cleaning same this year was \$1,692.32, making an average cost of \$35.26 per mile for the year.

During the past fiscal year this department has inspected 111 sewer connections.

#### Sewer Plates.

I again call your attention to the condition of the sewer plates. These plates, which are very valuable records, should be preserved by backing them with cloth, or by replacing them with new ones.

#### Street Sprinkling.

#### Watering Streets.

Street watering commenced this year on April 27th, with three carts, and on May 2nd, 10 carts were added, then on July 8th, one more cart was put in commission. The watering was continued until October 27th, when all of the carts were in, with the exception of one, which continued at work until November 9th.

The total cost of watering this year was \$9,292.86, or about \$154.88 per mile, during the season.

Although the past season has been so very dry, the total number of watering days were 57 less than last year.

About 60 miles of streets were watered on an average of twice per day.

The following tables of statistics will give you the total amount of work done by each cart, viz:

1911.		Double Cart No. 25.				Capacity 600 Gals.				Gallons used per day—Fresh, 15,800; Salt, None.			
		Loads per day—Fresh, 26; Salt, None.				Totals.				Mileage of			
		Gallons of Water Used.				Streets Watered.				Area of Streets Watered.			
		Days	Fresh	Salt	Total	Fresh	Salt	Total		Fresh	Salt	Total	
	Wat'd												
May	12-2		191,100	-----	191,100	158,64	-----	158,64		2,340,853	-----	2,340,853	
June	18		289,800	-----	289,800	233.10	-----	233.10		3,439,620	-----	3,439,620	
July	22-6		354,900	-----	354,900	294.61	-----	294.61		4,347,297	-----	4,347,297	
Aug.	19-4		304,200	-----	304,200	252.53	-----	252.53		3,726,255	-----	3,726,255	
Sept.	14-1		220,350	-----	220,350	182.91	-----	182.92		2,699,146	-----	2,699,146	
Oct.	9-6		152,100	-----	152,100	126.26	-----	126.26		1,863,128	-----	1,863,128	
	96-3		1,503,450	-----	1,503,450	1,248.05	-----	1,248.05		18,416,299	-----	18,416,299	



## REPORT OF STREET COMMISSIONER

## STREET WATERING.

1911.	Days Wat'd	Double Cart No. 27.		Gallons of Water Used.		Mileage of Streets Watered.		Capacity 600 Gals. used per day—Fresh, 16,800; Salt, None.	
		Loads per day — Fresh, 28; Salt, None.		Totals.		Gallons of Streets Watered.		Area of Streets Watered.	
		Fresh	Salt	Fresh	Total	Fresh	Salt	Fresh	Total
April	10-7	182,700	—	182,700	182,700	56.01	—	1,170,389	1,170,389
May	29-2	491,400	—	491,400	491,400	150.03	—	3,147,944	3,147,944
June	22-6	382,200	—	382,200	382,200	117.16	—	2,448,401	2,448,401
July	25-4	428,400	—	428,400	428,400	131.33	—	2,744,361	2,744,361
Aug.	22	369,600	—	369,600	369,600	113.30	—	2,367,684	2,367,684
Sept.	20-3	342,300	—	342,300	342,300	104.03	—	2,192,708	2,192,708
Oct.	16-3	275,100	—	275,100	275,100	84.33	—	1,762,310	1,762,310
Nov.	3-4	58,800	—	58,800	58,800	18.03	—	376,677	376,677
	150-5	2,530,500	—	2,530,500	2,530,500	775.72	—	16,210,544	16,210,544

# REPORT OF STREET COMMISSIONER

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## STREET WATERING.

Double Cart No. 28. Capacity 800 Gals.  
 Loads per day—Fresh, 24; Salt, 2. Gallons used per day—Fresh, 14,400; Salt, 1,200.  
 Totals.

1911.	Days Wat'd	Gallons of Water Used.		Mileage of Streets Watered.		Area of Streets Watered.		Total
		Fresh	Salt	Fresh	Salt	Fresh	Salt	
May	21-6	313,200	26,100	150.07	11.53	1,757,139	138,287	1,895,426
June	20	288,000	24,000	138.00	10.60	1,615,760	127,100	1,742,860
July	22-6	327,000	27,300	156.97	12.06	1,837,927	144,644	1,982,571
Aug.	19-4	280,800	23,400	134.55	10.34	1,141,131	89,806	1,230,937
Sept.	14-1	203,400	16,950	97.46	7.40	1,575,366	133,981	1,709,347
Oct.	9-5	138,000	11,550	66.41	5.10	777,584	61,196	838,780
	107-6	1,551,600	129,300	743.46	57.12	8,704,907	685,074	9,389,981

## REPORT OF STREET COMMISSIONER

STREET WATERING.									
Double Cart No. 29.			Capacity 600 Gala.						
Loads per day			Gallons used per day—Fresh. 15,600; Salt. None.						
Totals.			Totals.						
Gallons of Water Used.			Streets Watered.			Area of Streets Watered.			
Days	Fresh	Salt	Total	Fresh	Salt	Total	Fresh	Salt	Total
1911.									
Wet'd									
May	21-4		335,400	162.54		162.54	2,698.379		2,098.379
June	18-4		288,000	139.86		139.86	2,321.861		2,321.861
July	22-6		354,000	171.99		171.99	2,855.262		2,855.262
Aug.	19-4		304,200	147.42		147.42	2,447.367		2,447.367
Sept.	14-1		220,350	106.79		106.79	1,772.772		1,772.772
Oct.	9-6		152,100	73.71		73.71	1,223.684		1,223.684
	106-1		1,655,550	802.31		802.31	13,319.325		13,319.325

STREET WATERING.											
Double Cart No. 30.			Capacity 600 Gals.			Gallons used per day—Fresh, 0.000; Salt, 0.000.					
Lands per day—Fresh, 10; Salt, 10.			Totals.			Mileage of Streets Watered.					
Days			Gallons of Water Used.			Fresh			Salt		
Wat'd			Total			Total			Total		
1911.			Fresh			Fresh			Fresh		
			Salt			Salt			Salt		
			Total			Total			Total		
May	19-6		118,500	118,500	237,000	71.89	70.31	142.20	1,212,611	1,420,736	2,633,347
June	18-2		109,500	109,500	219,000	66.43	64.97	131.40	1,120,513	1,312,832	2,433,345
July	23-2		139,500	139,500	279,000	84.63	82.77	167.40	1,427,504	1,672,512	3,100,016
Aug.	20		120,000	120,000	240,000	72.80	71.20	144.00	1,227,060	1,438,720	2,665,780
Sept.	14-1		84,750	84,750	169,500	51.42	50.28	101.70	867,247	1,016,096	1,883,343
Oct.	8-6		52,500	52,500	105,000	31.85	31.15	63.00	537,232	629,440	1,166,672
			624,750	624,750	1,249,500	379.02	370.08	749.70	6,398,067	7,490,336	13,888,403

## REPORT OF STREET COMMISSIONER

## STREET WATERING.

Double Cart No. 31. Capacity 600 Gals.  
 Loads per day—Fresh, None; Salt, 12. Gallons used per day—Fresh, None; Salt, 7,200.  
 Totals.

1911.	Days Wat'd	Gallons of Water Used.			Mileage of Streets Watered.			Area of Streets Watered.		
		Fresh	Salt	Total	Fresh	Salt	Total	Fresh	Salt	Total
April	3	---	21,600	21,600	---	14.04	14.04	---	263,700	263,700
May	24-4	---	176,400	176,400	---	114.66	114.66	---	2,153,550	2,153,550
June	19	---	136,800	136,800	---	88.92	88.92	---	1,670,100	1,670,100
July	22-2	---	160,200	160,200	---	104.13	104.13	---	1,955,775	1,955,775
Aug.	20	---	144,000	144,000	---	93.60	93.60	---	1,758,000	1,758,000
Sept.	14-1	---	101,700	101,700	---	66.11	66.11	---	1,241,588	1,241,588
Oct.	9-6	---	70,200	70,200	---	45.63	45.63	---	857,025	857,025
	112-5	---	810,900	810,900	---	527.09	527.09	---	9,899,738	9,899,738

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[illegible]

## REPORT OF STREET COMMISSIONER

Lands per day		Double Cart No. 33.			STREET WATERING.			Capacity 600 (Gals.		
		Fresh, 27; Salt, None.			Gallons used per day—Fresh, 16,200; Salt, None.					
		Totals.			Mileage of			Streets Watered.		
		Gallons of Water Used.			Streets Watered.			Area of Streets Watered.		
1911.	Days Work'd	Fresh	Salt	Total	Fresh	Salt	Total	Fresh	Salt	Total
May	19.4	315,000		315,000	184.80		184.80	2,837,133		2,837,133
June	18.4	290,700		290,700	175.38		175.38	2,001,030		2,001,030
July	22.6	368,550		368,550	215.07		215.07	3,300,080		3,300,080
Aug.	21	340,200		340,200	190.08		190.08	3,055,374		3,055,374
Sept.	17.5	285,525		285,525	167.00		167.00	2,664,332		2,664,332
Oct.	8.6	141,750		141,750	82.95		82.95	1,273,072		1,273,072
	108.1	1,751,025		1,751,025	1,025.03		1,025.03	15,731,530		15,731,530

## REPORT OF STREET COMMISSIONER

**STREET WATERING.**

Single Cart No. 10.	Capacity 350 Gals.
Loads per day—Fresh, 38; Salt, None.	Gallons used per day—Fresh, 13,300. Salt, None.
\$ Totals.	Mileage of

1911.	Days Wat'd	Crabmeat or Water			Crabmeat or Water			Total
		Fresh	Salt	Total	Fresh	Salt	Total	
May	21-2	282,625	---	282,625	182,33	---	182,33	2,560,200
June	15-6	209,475	---	209,475	135,1	---	135,13	1,897,569
July	18-6	249,375	---	249,375	160,8	---	160,88	2,259,000
Aug.	17-4	232,750	---	232,750	150,1	---	150,15	2,108,400
Sept.	13-1	174,563	---	174,563	112,6	---	112,61	1,581,300
Oct.	9-4	126,350	---	126,350	81,51	---	81,51	1,144,500
	95-7	1,275,138	---	1,275,138	822,61	---	822,61	11,551,020



## REPORT OF STREET COMMISSIONER

STREET WATERING.									
Single Cart No. 14.			Capacity 350 Gals.						
Loads per day			Gallons used per day—Fresh, 10,500; Salt, None.						
Totals.			Mileage of Streets Watered.						
Gallons of Water Used.			Area of Streets Watered.						
1911.	Days Wat'd	Gallons of		Streets Watered.		Total			
		Fresh	Salt	Fresh	Salt	Fresh	Salt		
May	20	210,000	—	102.00	—	1,880,080	—		
June	16	168,000	—	120.00	—	1,511,264	—		
July	18-6	196,875	—	151.88	—	1,771,013	—		
Aug.	17-4	183,750	—	141.75	—	1,052,045	—		
Sept.	13-1	137,813	—	106.31	—	1,230,700	—		
Oct.	9-6	102,375	—	78.08	—	920,026	—		
	95-1	908,818	—	770.52	—	8,084,037	—		
							8,084,037		

## REPORT OF STREET COMMISSIONER

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STREET WATERING.					
Loads per day—Fresh, 38; Salt, None.	Single Cart No. 15.	Capacity 350 Gals. Gallons used per day—Fresh, 13,300; Salt, None.			
		Totals.		Mileage of Streets Watered.	
		Fresh.	Salt	Total	Area of Streets Watered.
1911.	Days Wat'd.				
	May	282,625	123.25	123.25	1,448,995
	June	209,475	91.35	91.35	1,073,961
	July	249,375	108.75	108.75	1,278,525
	Aug.	232,750	101.50	101.50	1,193,290
	Sept.	174,563	76.13	76.13	894,968
	Oct.	129,675	56.55	56.55	664,833
	1911.	1,278,463	557.53	557.53	6,554,572

# REPORT OF STREET COMMISSIONER

STREET WATERING.										
Single Cart No. 16.			Capacity 350 Gals.							
Loads per day—Fresh, 37; Salt, None.			Gallons used per day—Fresh., 12,950; Salt, None.							
Totals.			Mileage of				Area of Streets Watered.			
Gallons of Water Used.			Streets Watered.							
1911.	Days Wat'd	Fresh	Salt	Total	Fresh	Salt	Total	Fresh	Salt	Total
April	3-4	45,325	—	45,325	20.76	—	20.76	298,018	—	298,018
May	23-4	304,325	—	304,325	139.35	—	139.35	2,000,978	—	2,000,978
June	19-2	249,288	—	249,288	114.15	—	114.15	1,639,069	—	1,639,069
July	30-2	307,562	—	307,562	140.84	—	140.84	2,022,265	—	2,022,265
Aug.	20-4	265,475	—	265,475	121.56	—	121.56	1,745,534	—	1,745,534
Sept.	15-1	195,869	—	195,869	89.69	—	89.69	1,287,804	—	1,287,804
Oct.	9-6	126,262	—	126,262	57.82	—	57.82	830,193	—	830,193
	115-3	1,494,108	—	1,494,108	684.17	—	684.17	9,823,951	—	9,823,951

STREET WATERING.											
Single Cart No. 22.				Capacity 300 Gals.							
Loads per day—Fresh, 30; Salt, None.				Gallons used per day—Fresh, 9,000; Salt, None.							
Totals.				Mileage of							
Gallons of Water Used.				Streets Watered.				Area of Streets Watered.			
1911.	Days	Fresh	Salt	Total	Fresh	Salt	Total	Fresh	Salt	Total	
	Ward										
May	23-6	213,750	—	213,750	135.61	—	135.61	1,511,118	—	1,511,118	
June	18-6	168,750	—	168,750	107.06	—	107.06	1,192,987	—	1,192,987	
July	22-6	204,750	—	204,750	129.91	—	129.91	1,447,492	—	1,447,492	
Aug.	19-4	175,500	—	175,500	111.34	—	111.34	1,240,707	—	1,240,707	
Sept.	18-5	167,625	—	167,625	106.35	—	106.35	1,185,034	—	1,185,034	
Oct.	11-7	106,875	—	106,875	67.80	—	67.80	755,559	—	755,559	
	115-2	1,037,250	—	1,037,250	658.07	—	658.07	7,332,897	—	7,332,897	

## REPORT OF STREET COMMISSIONER

## STREET WATERING.

Lands per day	Single Cart No. 38.		Capacity 350 (gals.		Gallons used per day.—Fresh.		Salt.		1,400.	
	Fresh, 14; Salt, 4.		Totals.		Totals.		Totals.		Totals.	
	Gallons of Water Used		Mileage of Streets Watered.		Area of Streets Watered.		Area of Streets Watered.		Area of Streets Watered.	
1911.	Days	Fresh	Salt	Total	Fresh	Salt	Total	Fresh	Salt	Total
July	15.4	75,950	21,700	97,650	45.42	0.20	51.02	607,780	70,701	687,487
Aug.	19.4	95,550	27,300	122,850	57.13	7.80	64.93	704,034	100,209	804,243
Sept.	12.4	61,250	17,500	78,750	30.03	5.00	41.01	400,180	64,275	564,455
Oct.	11.2	55,125	15,750	70,875	32.06	4.50	37.40	441,185	57,448	498,633
	58.0	287,875	82,250	370,125	172.14	23.50	195.64	2,303,705	302,083	2,605,788

**SUMMARY OF STREET WATERING**  
**Gallons of Water Used.      Mileage of**  
**Streets Watered.**

Cart	Days	Gallons of Water Used.			Mileage of Streets Watered.			Area of Streets Watered.		
		Fresh	Salt	Total	Fresh	Salt	Total	Fresh	Salt	Total
No. 25	96-3	1,503,450	---	1,503,450	1,248.05	---	1,248.05	18,416,209	---	18,416,209
No. 27	150-5	2,530,500	---	2,530,500	775.72	---	775.72	16,210,564	---	16,210,564
No. 28	107-6	1,551,600	---	1,551,600	743.46	---	743.46	8,704,907	---	8,704,907
No. 29	106-1	1,655,550	---	1,655,550	802.31	---	802.31	13,319,325	---	13,319,325
No. 30	104-1	624,750	---	624,750	379.02	---	379.02	6,303,067	---	6,303,067
No. 31	112-5	---	810,900	810,900	---	527.00	527.00	---	---	---
No. 32	107-3	1,879,063	---	1,879,063	697.94	---	697.94	9,701,546	---	9,701,546
No. 33	108-1	1,751,625	---	1,751,625	1,025.03	---	1,025.03	15,731,539	---	15,731,539
No. 10	95-7	1,275,138	---	1,275,138	822.61	---	822.61	11,551,020	---	11,551,020
No. 14	95-1	998,813	---	998,813	770.52	---	770.52	8,984,937	---	8,984,937
No. 15	96-1	1,278,463	---	1,278,463	557.53	---	557.53	6,554,572	---	6,554,572
No. 16	115-3	1,494,106	---	1,494,106	684.17	---	684.17	9,823,951	---	9,823,951
No. 22	115-2	1,037,250	---	1,037,250	658.07	---	658.07	7,332,897	---	7,332,897
No. 38	58-6	287,875	82,250	370,125	172.14	23.50	195.64	2,303,705	302,093	2,605,798
	1469-5	17,868,183	1,647,200	19,515,383	9,336.57	978.39	10,314.96	135,028,329	18,377,241	153,405,570

COMPARATIVE STATEMENT OF STREET WATERING.  
 Gallons of Water Used.      Mileage of      Area of Streets Watered.  
 Streets Watered.

Year	Days	Fresh			Salt			Fresh			Salt			Total		
				Total												
1907	1973.2	29,622,914	2,245,075	31,867,989	14,918.61	1,812.24	16,730.85	202,083,848.35	30,867,406.84	231,851,315.19						
1908	1977.2	30,353,738	1,861,038	32,214,776	15,007.45	1,708.34	16,775.79	204,414,971.15	30,205,190.88	234,620,158.03						
1909	1771.3	26,931,452	1,661,662	28,593,114	13,352.02	1,530.13	14,881.15	182,801,036.46	26,400,048.34	209,201,078.80						
1910	1526.6	24,412,998	2,221,574	26,634,572	10,043.16	1,303.47	12,330.63	150,700,270.00	31,067,143.00	187,767,422.00						
1911	1469.5	17,868,183	1,647,200	19,515,383	9,336.57	978.30	10,314.86	135,028,329.00	16,377,241.00	153,405,570.00						

### Applying Dustoline

This is the fifth year that we have applied Dustoline to the roadbeds of certain streets, with the same excellent results.

We have purchased, during the past season, six tank cars containing 42,801 gallons of this material.

The total expense for applying Dustoline this year was \$2,837.53 or about \$166.91 per mile for the season, covering about 17 miles of 20 ft. roadbed. We now have 2,769 gallons of Dustoline on hand worth \$179.98.

Mr. Lamson, of The Dustoline for Roads Company, kindly made arrangements with the railroad company for the installing of a storage tank near a side track in the railroad yard, which made it much more convenient for us to apply the material. In former years, when a car of Dustoline arrived, we were obliged to immediately convey the material to the streets, but with the possession of the storage tank, we can keep a supply of the Dustoline on hand, and touch up the various roadbeds when most needed. I would also say that Mr. Lamson furnished and placed the storage tank at his own expense, with the understanding that it is his property.

Two hundred dollars was donated this year toward the cost of treating Broadway roadbed.

The following statistics will give you the full detail as to applications, viz.:—



REPORT OF STREET COMMISSIONER

FIRST CAR OF DUSTOLINE.  
First Application, May 11, 12, and 13, 1911.

Street or Avenue.	Average			Total Cost
	Sq. Yds.	Gal. per Sq. Yd.	Gals. Used	
Bellevue avenue, Bath road to Bailey's Beach-----	40,283	.1105	4,453	\$115.63
Broadway, One Mile Corner to Bliss road-----	15,000	.106	1,591	112.77
Broadway, Bliss road to Rhode Island avenue, East Side--	2,500	.106	265	18.79
Cost per gallon applied, .07088.	57,783		6,309	\$447.19
Average cost per square yard, .0077.				

SECOND CAR OF DUSTOLINE.  
First Application May 17, 18, 19 and June 1, 1911.

Street or Avenue.	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used	Total Cost
Broadway, Bliss road to Equality Park place-----	8,945	.1228	1,099	\$77.90
Northam lane, Thames street to Rousemainere place-----	333	.1188	40	2.84
Rousemainere place-----	213	.1188	25	1.77
Whittier avenue, 100 ft., Thames street west-----	156	.1188	19	1.35
Dennis avenue, 100 ft., Thames street west-----	133	.1188	16	1.14
Wilcox court, 100 ft., Thames street west-----	111	.1188	13	.92
Sherman wharf, 100 ft., Thames street west-----	166	.1188	20	1.42
Swinburne's wharf, 100 ft., Thames street west-----	156	.1188	19	1.35
Champlin's wharf, 100 ft., Thames street west-----	111	.1188	13	.92
Bull's wharf, 100 ft., Thames street west-----	167	.1188	20	1.42
Lopez wharf, 100 ft., Thames street west-----	178	.1188	21	1.49
Cotton court-----	360	.1188	43	3.05
Market square, Newman's wharf and Ferry wharf-----	600	.1188	71	5.03
Bowen's wharf, 100 ft., Thames street west-----	211	.1188	25	1.77
West Pelham street-----	1,057	.1188	126	8.93
Sayers wharf-----	1,625	.1188	193	13.68
Scott's wharf, 100 ft., Thames street west-----	200	.1188	24	1.70

## REPORT OF STREET COMMISSIONER

SECOND CAR OF DUSTOLINE.  
First Application May 17, 18, 19 and June 1, 1911.

Street or Avenue.	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used	Total Cost
Commercial wharf, north, south and between-----	6,725	.1188	799	56.63
Hammett's wharf, 100 ft., Thames street west-----	311	.1188	37	2.62
Perry Mill court-----	390	.1188	46	3.26
Perry Mill wharf, 100 ft., Thames street west-----	366	.1188	44	3.12
Bailey court, 100 ft., Thames street west-----	189	.1188	23	1.63
Cottrell's wharf, 100 ft., Thames street west-----	222	.1188	26	1.84
Peckham's wharf, 100 ft., Thames street west-----	178	.1188	21	1.49
Taylor court, 100 ft., Thames street west-----	255	.1188	30	2.13
Brown & Howard's wharf, 100 ft., Thames street west-----	278	.1188	33	2.34
Lee's wharf, 100 ft., Thames street west-----	278	.1188	33	2.34
West Howard street, 200 ft., Thames street west-----	467	.1188	56	3.97
Spring wharf, 200 ft., Thames street west-----	622	.1188	74	5.25
Extension street, 200 ft., Thames street west-----	578	.1188	69	4.89
Waites' wharf, 200 ft., Thames street west-----	489	.1188	58	4.11
Coddington wharf, 200 ft., Thames street west-----	355	.1188	42	2.98
Goodwin street, 200 ft., Thames street west-----	466	.1188	55	3.90
Harrington street, 200 ft., Thames street west-----	533	.1188	63	4.47

# REPORT OF STREET COMMISSIONER

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## SECOND CAR OF DUSTOLINE. First Application May 17, 18, 19 and June 1, 1911.

Street or Avenue.	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used	Total Cost
Bridge street -----	2,629	.1426	375	26.58
Elm street -----	2,416	.1426	345	24.45
Third street, Marsh street to Walnut street -----	2,660	.1426	379	26.86
Rhode Island avenue, Broadway to Kay street -----	3,360	.1497	503	35.65
West Broadway -----	3,981	.1497	596	42.25
Marlborough street -----	2,272	.221	502	35.58
Branch street -----	212	.221	47	3.33
Gould street -----	1,927	.1173	226	16.02
Congdon avenue, Gould street north -----	1,179	.1173	138	9.78
Tilley avenue -----	1,572	.1173	185	13.11
Bellevue avenue, Bath road to Kay street -----	5,394	.1017	549	38.91
West Marlborough street, Thames street west -----	2,123	.2585	549	38.91
Ridge road, Castle Hill avenue west -----	5,373	.1021	549	38.91
	62,522		8239	\$383.90

Cost per gallon applied, .07088.

Average cost per square yard, .0093.

## REPORT OF STREET COMMISSIONER

THIRD CAR OF DUSTOLINE.  
First Application, June 15, 16, 17 and 19, 1911.

Street or Avenue.	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used	Total Cost
Ridge road, Harrison avenue south to	5,371	.1128	606	42.03
Harrison avenue, Ridge road to Carroll avenue	27,303	.1277	3,488	247.23
Haddon avenue	3,427	.1327	455	32.25
Clay street, Parker avenue south, 200 ft.	1,068	.2837	152	10.77
Ruggles avenue, Wetmore avenue to end of Drexel Estate,	2,750	.1858	511	36.22
Ochre Point avenue, Ruggles avenue north, 200 ft.	511	.1858	95	6.73
East Bowery street, Bellevue avenue to Middleton avenue	3,522	.0877	238	10.87
Middleton avenue, Berkeley avenue to Bath road	5,425	.0877	304	20.08
Old Beach road, Bellevue avenue to Rhode Island avenue	6,040	.0918	606	42.03
Parker avenue, Clay street east, 200 ft.	1,008	.2837	151	10.70
	57,045		6,070	\$472.77

Cost per gallon applied, .07088.

Average cost per square yard, .0082.

THIRD CAR OF DUSTOLINE.  
Second Application, June 17, 1911.

Street or Avenue.	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used	Total Cost
Bellevue avenue, Kay street to Bath road-----	5,394	.1123	606	42.96
Bellevue avenue, Bath road to Shepard avenue-----	17,230	.0351	606	42.96
	22,623		1,212	\$85.92

Cost per gallon applied, .07088.

Average cost per square yard, .0037.

## REPORT OF STREET COMMISSIONER

## FOURTH CAR OF DUSTOLINE.

First Application, June 19, 20, 21 and 22, 1911.

Street or Avenue.	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used	Total Cost
Old Bench road, Rhode Island avenue to Gibbs avenue	2,475	.084	208	14.74
Old Bench road, Old Bench road south, 500 ft.	2,000	.084	168	11.91
Red Cross avenue, Old Bench road south, 500 ft.	2,053	.084	173	12.20
Dresser street	5,600	.3740	2,093	146.23
Bath road, Bellevue avenue to Cliff avenue	3,733	.1381	515	30.51
Carroll avenue, Thames street to Harrison avenue	4,225	.1381	583	41.32
Morton avenue	10,802		3,710	\$202.97

Cost per gallon applied, .07088.

Average cost per square yard, .0131.

FOURTH CAR OF DUSTOLINE.  
Second Application, June 19, 20 and 22, 1911.

Street or Avenue.	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used	Total Cost
Broadway, Equality Park place to One Mile Corner-----	23,945	.0018	2,108	155.80
Marlborough street -----	2,272	.1813	412	20.20
	26,217		2,610	\$185.00

Cost per gallon applied, .07088.  
Average cost per square yard, .007.



## REPORT OF STREET COMMISSIONER

FIFTH CAR OF DUSTOLINE.  
Second Application, July 1, August 17 and 18, 1911.

Street or Avenue.	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used	Total Cost
Harrison avenue, Carroll avenue to Halidon avenue	5,576	.0773	431	30.55
Halidon avenue, Harrison avenue to Mrs. John Nichols	2,400	.0773	186	13.18
Brown's gate	5,506	.112	617	43.73
Bath road, Bellevue avenue to Cliff avenue	2,620	.0832	219	15.52
Bridge street	2,660	.0832	221	15.07
Third street, Marsh street to Walnut street	2,123	.0832	177	12.55
West Marlborough street, Thunes street west	3,522	.0552	195	13.82
East Bowery street, Bellevue avenue to Middleton avenue	2,053	.0552	113	8.01
Dresser street	3,733	.0581	217	15.38
Morton avenue, Thunes street to Harrison avenue	4,225	.0581	246	17.44
Branch street	212	.0654	14	.90
Rhode Island avenue, Broadway to Kay street	3,300	.0654	220	15.50
Gould street	1,927	.0654	126	8.33
Tilley avenue	1,572	.0654	103	7.30
	41,408		3,085	\$218.00

Cost per gallon applied, .07088.

Average cost per square yard, .0652.

FIFTH CAR OF DUSTOLINE.  
Third Application, August 1, 17 and 18, 1911.

Street or Avenue.	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used	Total Cost
Bellevue avenue, Kay street to Ruggles avenue-----	22,307	.0275	617	43.73
Broadway, Equality Park place to One Mile Corner-----	23,945	.0515	1,235	87.54
Harrison avenue, Carroll avenue to Rosemead avenue-----	2,528	.0609	154	10.92
Marlborough street -----	2,272	.0677	154	10.92
	51,142		2,160	\$153.11

Cost per gallon applied, .07088.

Average cost per square yard, .0029.

## REPORT OF STREET COMMISSIONER

FIFTH CAR OF DUSTOLINE.  
Fourth Application, August 18 and October 25, 1911.

Street or Avenue.	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used	Total Cost
Bellevue avenue, Kay street to Lake View avenue-----	33,347	.0463	1,543	100.38
Broadway, Equality Park place to Bliss road-----	8,945	.0080	617	43.73
	42,292		2,160	\$153.11

Cost per gallon applied, .07088.  
Average cost per square yard, .0036.

SIXTH CAR OF DUSTOLINE.  
Second Application October 26 and 27, 1911.

Street or Avenue.	Sq. Yds.	Average Gal. per Sq. Yd.		Gals. Used	Total Cost
Old Beach road, Bellevue avenue to Rhode Island avenue--	6,600	.0456		301	21.34
Elm street -----	2,416	.0749		181	12.83
Congdon avenue, Gould street north-----	1,179	.0780		92	6.52
	10,195			574	\$40.69

Cost per gallon applied, .07088.

Average cost per square yard, .0039.

## REPORT OF STREET COMMISSIONER

SIXTH CAR OF DUSTOLINE.  
Third Application, October 26 and 27, 1911.

Street or Avenue.	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used	Total Cost
Bellevue avenue, Narragansett avenue to Bailey's Beach---	31,301	.0353	1,108	78.54
East Bowery street, Bellevue avenue to Middleton avenue	3,522	.0451	159	11.27
Dresser street -----	2,053	.0452	93	6.59
Bridge street -----	2,629	.0699	184	13.04
Third street, Marsh street to Walnut street-----	2,660	.0710	189	13.40
Gould street -----	1,927	.0669	129	9.14
Tilley avenue -----	1,572	.0667	105	7.44
Rhode Island avenue, Broadway to Kay street-----	3,360	.0678	228	16.16
	40,024		2,195	\$155.58

Cost per gallon applied, .07088.

Average cost per square yard, .0031.

SIXTH CAR OF DUSTOLINE.  
Fourth Application, October 25, 1911.

Street or Avenue.	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used	Total Cost
Broadway. One Mile Corner to Bliss road----- Cost per gallon applied, .07088. Average cost per square yard, .0026.	15,000	.0369	554	\$39.27

SIXTH CAR OF DUSTOLINE.  
Fifth Application, October 25, 1911.

Street or Avenue.	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used	Total Cost
Bellevue avenue, Kay street to Narragansett avenue----- Cost per gallon applied, .07088. Average cost per square yard, .0027.	14,376	.0185	554	\$39.27

## REPORT OF STREET COMMISSIONER

## Standard Oil.

The Point District and several other streets were treated with road oil, furnished and applied by the Standard Oil Company, with one of their Saybolt Oil Distributors, at an expense of \$705.54.

This machine applies the oil under pressure in a fine spray, penetrating the surface of the roadbed, which gives better results on new macadam or re-surfaced roads.

The following is a list of the streets treated this year, viz.:

Street and Location.	Length feet Sq. yds.	
<b>Third Street:</b>		
Walnut to Pine . . . . .	700	
Pine to Training Station Road . . . . .	3,530	
	—	4,230 7,363
<b>Second Street:</b>		
Bridge to Pine Street . . . . .	1,680	
Battery to Van Zandt Avenue . . . . .	425	
Van Zandt to Cypress Street . . . . .	675	
Pine to Battery Street . . . . .	225	
	—	3,005 5,455
<b>Washington Street:</b>		
Battery to Poplar Street . . . . .	1,450	
Poplar Street, south . . . . .	1,000	
	—	2,450 5,283
Sycamore Street . . . . .		200 267
Cypress Street . . . . .		180 240
<b>Van Zandt Avenue:</b>		
Farewell to Third Street . . . . .	560	
Third Street, west . . . . .	600	
	—	1,160 2,520
Battery Street . . . . .		490 708
Pine Street . . . . .		500 667
Cherry Street . . . . .		770 1,112
Chestnut Street . . . . .		500 713
<b>Walnut Street:</b>		
Washington to Third Street . . . . .	500	
Third to Farewell Street . . . . .	530	
	—	1,030 1,803
<b>Poplar Street:</b>		
Washington to Second Street . . . . .	300	
Second to Third Street . . . . .	200	
Third to Thames Street . . . . .	860	
	—	1,360 2,579
Willow Street . . . . .		780 1,083

## REPORT OF STREET COMMISSIONER

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Chase Street . . . . .	200	233
Marsh Street . . . . .	570	1,108
Cross Street . . . . .	460	639
Maitland Court . . . . .	300	400
La Salle Place . . . . .	300	400
Sunshine Court . . . . .	300	428
Gibbs Avenue . . . . .	1,400	2,878
Catherine Street . . . . .	750	2,042
Prairie Avenue . . . . .	640	1,778
Berkeley Avenue . . . . .	3,468	8,893
Farewell Street:		
Van Zandt to Walnut Street . . . . .	1,375	
Walnut to Warner Street . . . . .	425	
Warner to Marlborough Street . . . . .	1,100	
	—	2,900
Washington Square . . . . .	680	3,377
Touro Street . . . . .	600	1,100
	—	—
	29,235	58,795

## Headley Emulsion Oil.

On September 11th, 1911, we treated several streets with Headley's Emulsion Oil. This oil is mixed with water, six to one, that is to say, one part oil to six of water. The material was furnished to the city free of cost, with the exception of the payment of freight, and cost of applying. This road oil is highly recommended for steep grade streets, and gave good satisfaction. The streets should have received another application to have thoroughly tried out the experiment, but the company failed to send us the syphon to convey the oil from the iron barrels to the watering cart, so we were unable to make the second application.

The cost of freight and applying was \$12.48, and the following streets were treated under the supervision of a representative of the Headley Company, viz.:

Touro Street, between Spring Street and Bellevue Avenue.  
Mary Street, between Thames Street and Touro Street.  
Church Street, between Thames Street and Bellevue Avenue.  
Mill Street, between Thames Street and Bellevue Avenue.  
Pelham Street, between Thames Street and Bellevue Avenue.

## Quarry and Crusher.

The work of quarrying and crushing stone commenced on March 9th and continued until November 14th, when the plant was shut down for the winter. An extra appropriation of \$450.00 was



made this year for new crusher parts. \$445.33 was expended, leaving a balance of \$4.67.

The amount of stone quarried and crushed during the year was as follows, viz.: Ledge stone, 1,017 tons; crushed stone, 10,641 tons, making a total production of 10,641 tons.

The cost of quarrying and crushing stone this year was: ledge stone, \$.75 per ton, and crushed stone, \$1.2077 per ton.

The present lease of the quarry expires this season, and production is about exhausted. To continue work at this quarry would mean an extra expense of installing a pumping apparatus to keep the quarry free from water, which would of course increase the cost of production.

**Statement of Stone Quarried and Crushed during the Year 1907**

	Ledge Stone	Crushed Stone
Annandale road . . . . .		
Bath road . . . . .		
Bedlow avenue . . . . .		
Bellevue avenue, Telford macadam . . . . .	493	
Bellevue avenue . . . . .		
Bowery street . . . . .		
Broadway . . . . .		
Broadway pavement . . . . .		
Byrnes street . . . . .	5	
Carroll avenue . . . . .	1	
Chapel street . . . . .		
Coggeshall avenue, Tarvia . . . . .		
Coddington wharf . . . . .	20	
Edgar court . . . . .	5	
Farewell street . . . . .		
Francis street . . . . .		
Freebody street . . . . .		
Forty steps . . . . .		
Gibbs avenue . . . . .		
Harrison avenue . . . . .		
Kay street . . . . .		
Ledge road . . . . .		
McAllister street . . . . .	10	
Marlborough street . . . . .		
Narragansett avenue . . . . .		
New street . . . . .		
Old Beach road . . . . .		
Ocean at the . . . . .		
Ocean avenue, sea wall . . . . .	361	

# REPORT OF STREET COMMISSIONER

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	Ledge Stone	Crushed Stone
Perry street . . . . .		40
Ridge road . . . . .		19
Rhode Island avenue . . . . .		127
Ruggles avenue . . . . .	1	53
Second ward sewerage system . . . . .		43
Second street . . . . .	18	15
Sewer repairs . . . . .	9	
Sheffield avenue . . . . .		414
Sidewalks, granolithic . . . . .		340
Sidewalks, general repairs . . . . .		14
Spring street pavement . . . . .		75
Streets, general repairs . . . . .		647
Third street . . . . .		289
Thurston avenue . . . . .		26
Tilden avenue . . . . .		143
Touro street . . . . .		195
Van Zandt avenue . . . . .		893
Vernon avenue . . . . .		62
Wellington avenue widening . . . . .	91	114
Wellington avenue wall . . . . .	3	
William street . . . . .		172
On hand, City yard . . . . .		7
On hand, City crusher . . . . .		522
	1,017	9,632
From crusher during year 1911 . . . . .	1,017	9,102
Purchased . . . . .		8
On hand City crusher, December 23, 1911 . . . . .		522
	1,017	9,632

## Statement of Diamond Hill Stone.

	Tons	Lbs.
Second street macadam (Sycamore to Cypress) . . . . .	139	1,390
Second street macadam (Van Zandt to Sycamore) . . . . .	41	1,150
Second street re-macadam (Van Zandt to Sycamore) . . . . .	103	60
General repairs to streets . . . . .	14	860
	298	1,460

## Statement of Clinton Point Stone.

	Tons
General repairs to streets . . . . .	20

**Steam Road Rollers.**

The re-macadamizing and re-surfacing of streets commenced on April 10th and continued until November 10th, when the work was shut down for the season. The Engineers are employed during the winter months to clean and repair their rollers, to put them in proper condition for the spring work.

**Permanent Pavements Repaired.**

Bitulithic:	Sq. yds.
Broadway . . . . .	589
Spring street . . . . .	841
	<hr/>
	1,430

**Tarvia:**

Coggeshall avenue . . . . .	267
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The cost for repairs to the Broadway bitulithic pavement, between and eighteen inches outside of rails, was paid by both street railway companies, which amounts were deposited with the City Treasurer to the credit of the appropriation for Street Repairs.

**Streets Re-Macadamized.**

The following streets were re-macadamized, viz.: Kay street from Rhode Island avenue to Bull street; Touro street from Clark street west; Rhode Island avenue from Old Beach road south; Second street from Van Zandt avenue north.

**Streets Re-Surfaced.**

Annandale road from East Bowery street to Merton road; Bellevue avenue from Pelham street to Bath road; Bowery street from King street to Bellevue avenue; Chapel street from DeBlois street to Old Beach road; Francis street; Freebody street from Merton road to East Bowery street; Kay street from Gibbs avenue to Powel avenue; Old Beach road from Bellevue avenue to Red Cross avenue; Perry street from Grant street to Spring street; Third street from Walnut street to Bridge street; Tilden avenue; Touro street from Kay street, west; Van Zandt avenue from Malbone avenue to Farewell street; Vernon avenue from Broadway, east; William street.

Full statistics will be found in another part of this report.

**Streets Macadamized. (New Work).**

Byrnes street; Coddington wharf; Edgar court; Gibbs avenue from Friendship street south; McAllister street; Second street from

Sycamore street to Cypress street; Second street from Sycamore street south; Sheffield avenue from Malbone avenue west; New street, through Park from West Narragansett avenue to Wellington avenue.

Full statistics in another part of this report.

#### Telford Macadam.

Bellevue avenue from Kay street to Pelham street.

Wellington avenue widening from Pier to Halidon avenue.

#### Bedlow Avenue Sewer.

A n 8-inch sewer was laid in Bedlow avenue from a point between Thurston avenue to Cummings avenue east, for a distance of 862 feet.

Part of this sewer, about 72 feet, was relaid and the grade changed accordingly.

Appropriation \$850.00; expenditure \$564.90; balance \$285.10.

#### County Street Sewer.

A sewer was laid in County street, length 479 feet of 8-inch pipe. We expected to find rock in this locality and estimated accordingly, but owing to the soft condition of the earth, which made excavating very easy, this department was able to lay this sewer at a much less figure than was estimated.

Appropriation \$1,100.00; expenditure \$572.60; balance \$527.40.

#### Kilburn Court Sewer.

In the laying of this sewer, we expected to be obliged to enter Broadway sewer on the west side of the street, but, we found Broadway sewer in the center of Broadway, which together with the light condition of the soil of the court, we performed the work at a much lower figure than was anticipated.

Length of sewer, 284 feet of 8-inch pipe.

Appropriation \$700.00; expenditure \$224.22; balance \$475.78.

#### Second Ward Sewerage System.

For many years a complex problem has been before the officials of the City as to the best method to dispose of the sewage and give relief to that section of the City, east of lower Kay street, Bliss road and vicinity. Various propositions have been considered from time to time, but none adopted until this year.

Several property owners, residing in this locality, again petitioned, and personally appeared before the Committee of Twenty-

five, strongly stated the existing unsanitary conditions and earnestly requested that they be given relief in the near future.

The Committee of Twenty-five promptly acted upon the petition and referred the same to the Committee on Highways and Bridges. At a meeting of the latter committee, Captain Joseph Cotton and Street Commissioner J. K. Sullivan were appointed a committee to draw up a proposed plan, showing the eastern side of the city, locate the sewers most needed at the present time, submit estimate, etc.

This sub-committee immediately got busy and in a short time they presented to the Committee on Highways and Bridges, a plan, which was duly referred to the Committee of Twenty-five, after giving the matter careful consideration, recommended appropriation of twenty-five thousand dollars for the Second V sewerage system, and which appropriation was passed by the representative Council.

Work was commenced by this department on April 18th by laying of the sewer in Fenner Avenue, and the system was completed on November 15th, taking practically seven months.

Sewers not contemplated when plans were made, were laid on Bliss road, from Fenner road east, for a distance of 479 feet; in Eustis avenue from Taber street north, for a distance of 1,324 feet; Eustis avenue sewer from Water Works road south, extended upon request of Mr. A. B. Emmons, for a distance of 1,132 feet. The discharge pipe was also extended to Prairie avenue an additional length of 236 feet. Another change in original plan was in laying sewer in Whitwell avenue instead of Anthony avenue.

The following is a complete list of the sewers, viz.:

	8-in.	10-in.	12-in.
Fenner avenue . . . . .	709		
Caswell avenue . . . . .	718		
Almy street . . . . .	746		
Brooks avenue . . . . .	346		
Ledyard place . . . . .	384		
Fowler avenue . . . . .	128		
Bliss road . . . . .	769	1,436	
Whitwell avenue . . . . .		871	
Robinson street . . . . .	224		
Taber street . . . . .		513	
Eustis avenue . . . . .	1,942		1,324
Gibbs avenue . . . . .	1,132		
Friendship street . . . . .	169		
Powell avenue . . . . .	191		



Kay street . . . . .	468
Water Works road . . . . .	457
Champlin street . . . . .	268

Total . . . . . 8,649 ft. 2,820 ft. 1,310 ft.

Inlet pipe to sewerage tank, 44 feet of 15-inch pipe.

Discharge pipe, 1,036½ feet of 6-inch extra heavy cast iron pipe.

A total increase to our sewerage system of 2.62 miles.

Excavation for the large receiving tank, connected with the sewage pumping station, was commenced on July 20th.

This tank is 37 feet in diameter and 12 feet deep, built of brick, 12-inch work. Capacity below inlet about 60,000 gallons. The bottom is 2 feet thick and composed of reinforced concrete. Both the walls and the bottom are waterproof. The top of the tank is roofed over with concrete, reinforced with iron beams, and contains four 24-inch manholes for cleaning tank or otherwise. A 1¼-inch screen was placed around the suction pipes to protect them from rags and other foreign substances.

The pump house is 12 feet by 16 feet in size, built of buff brick, and shingled with asbestos to make the building as near fireproof as possible. The basement is of the same depth of tank, the bottom of which is also built of reinforced concrete, and waterproof. I traded common brick, worth nine dollars per thousand, the buff brick, worth thirty dollars per thousand, brick for brick. This made quite a saving of expense in this respect.

The method of pumping in former recommendations was by steam pumps, which would need the constant attention of two or three engineers, fuel, etc. This would make the maintenance of the plant very expensive. To obliterate this expense of maintenance, the Street Commissioner recommended that two electric driven pumps, which work automatically, be installed, and his suggestion was adopted.

This office advertised on July 8th, for bids for proposed plans and for furnishing two electric driven pumps, installed complete, ready for work.

Two bids were received, one from the Newport Foundry and Machine Corporation and the other from Messrs. Scannevin & Potter.

The former submitted a very low price, but, the class of pumps, plans, and method of installing were very vague and very unsatisfactory, and although I repeatedly asked for a more complete specification, they failed to comply with my request.

Messrs. Scannevin & Potter fulfilled every requirement called for in the advertisement, submitting a full, clear detail as to quality

of pumps, plans, installation, etc., so after consulting a number of competent engineers and gentlemen, who are familiar with this class of work, I awarded the contract to Messrs. Scannevin & Potter, for the sum of \$2,747.00, but, to fully protect the city, I made a stipulation in their contract, to the effect that 20 per cent. of the contract price, amounting to \$549.40, would be retained by the City of Newport as a guarantee that the pumps would be in satisfactory running order at the end of six months from the date of completion and acceptance of their work. If, at the expiration of that time, the pumps were running properly, the 20 per cent. would be paid to them, otherwise, they would forfeit the amount retained.

The two electric driven pumps have 2-inch suction and 3-inch discharge. These pumps are placed in the basement of the pump house on a level with the bottom of the tank. They are driven two  $7\frac{1}{2}$  h. p. electric motors, one in operation, the other in reserve and are guaranteed to discharge one hundred gallons per minute which has been more than fulfilled. The discharge will be for distance of over a thousand feet, and at an elevation of 38 feet. The motors are located on the first floor of the pump house.

Two pumps were installed with the idea to overcome any accident. If one pump should fail to operate, the other pump would immediately take up the work, or if at any time the amount of sewerage matter should be more than one pump could handle, the other pump will immediately come to its relief, and they will both work together. The pumps do not work until the floating suction gets to a certain point, which can be set and regulated. They will only need occasional attention by the chief foreman or some qualified employee of the department, without any extra expense to the City.

The cost of operation will be limited to practically electricity, which only can be determined by experience.

On July 12th this office advertised for bids for furnishing about 800 feet of extra heavy cast iron pipe to be used as a discharge. The contract was awarded to Mr. Thomas B. Connolly, the lowest bidder, for the sum of \$26.00 per ton. Later we found that it was necessary to extend this discharge pipe from Hunter avenue to Prairie avenue, to intersect the main sewer, a distance of 236 feet. This additional pipe was purchased of the Newport Water Works and the Newport Gas Light Company.

The Mayor and the Board of Aldermen made an official inspection of the sewerage system on November 15th, and they expressed themselves as highly pleased with the smooth and excellent operation of the system. The next day, the 16th of November, the



Second Ward sewerage system was put in operation, and so advertised in the daily papers.

This system is restricted to sewerage only, no cellar, roof or surface water to enter the same, and all permits are granted with this stipulation. The reason why this system is limited to sewerage is, because in consideration of the increased demands which will be made upon it, the system would not be of a large enough capacity to properly handle any surface water, especially during heavy rainfalls.

Twenty-four permits were granted up to and including December 16th to enter this system.

The department was very fortunate to have such a dry season to install this sewerage system, which was the means of reducing the cost of same very materially. Much more money would have been saved in the construction of the tank and pump house if we had not come in contact with a spring, which necessitated the installing of a steam boiler and pump and the employment of two men to operate same night and day. The Newport Water Works kindly loaned us the steam boiler and pump free of any cost to the city.

The total cost of the system was \$17,738.64, appropriation \$25,000.00, leaving a balance of \$7,261.36.

The following is a detail account of expenditures, viz.:

Almy street sewer . . . . .	\$388 39
Bliss road sewer . . . . .	2,043 60
Brook avenue sewer . . . . .	155 23
Caswell avenue sewer . . . . .	322 68
Champlin street sewer . . . . .	140 32
Eustis avenue sewer, Taber street, south . . . . .	1,067 11
Eustis avenue sewer, Taber street, north . . . . .	371 75
Eustis avenue sewer, Water Works road, south . . . . .	649 46
Fenner avenue sewer . . . . .	331 55
Fowler avenue sewer . . . . .	90 68
Friendship street sewer . . . . .	167 49
Gibbs avenue sewer . . . . .	653 96
Kay street sewer . . . . .	499 46
Ledyard place sewer . . . . .	224 94
Powel avenue sewer . . . . .	99 61
Robinson street sewer . . . . .	156 49
Taber street sewer . . . . .	500 79
Water Works road sewer . . . . .	260 15
Whitwell avenue sewer . . . . .	540 21
Sewerage pumping station, including sewerage tank, inlet pipe, electric pumps, installation, etc. . . . .	7,861 06



## Sewerage pumping station (maintenance):

Electric power .....	112	32
Electric light .....	90	
		113 23
Discharge pipe and laying .....	88	77
Grading grounds and planting hedge.....	15	38
Miscellaneous tools, etc. ....	61	34
Total cost .....	\$17,738	64
Amount due Messrs. Scannevin & Potter on contract, withheld as per agreement. Appropriation will be made next year for same.....	549	40
Actual cost of system.....	\$18,288	04

## Bellevue Avenue Telford Macadam.

A Telford macadam roadbed was laid in Bellevue avenue from Kay street to Downing street, a distance of 1,028 feet and at average width of 22 feet 8 inches. When this place was estimated we expected to be obliged to furnish all the stone required, but while excavating we found a large amount of stone that could be used in the construction of the new roadbed. This of course reduced the expense of the work. The top material from this roadbed was carted to Gibbs avenue, and part of the cost of same was charged to this avenue.

Appropriation \$4,240.00; expenditure \$2,792.66; balance \$1,447.34

## Gibbs Avenue Macadam.

This avenue was macadamized from Friendship place to Water Works road, using in part the material taken from Bellevue avenue and the balance of the stone came from City Quarry. The conditions found in the construction of this work were much different than was anticipated, consequently the cost was more than the appropriation. It was necessary to finish the macadam to protect the amount of work done.

Appropriation \$1,225.00; expenditure \$1,224.32; balance \$.68.

The extra cost, amounting to \$105.94 was paid from the appropriation for Street Repairs.

## Ocean Avenue Seawall.

The sea wall, Ocean avenue, was extended for a distance of 452 feet, 9 feet high by 2½ feet thick.

Appropriation \$2,000.00; expenditure \$1,994.17; balance \$5.83.

I recommend that an appropriation be made next year to continue this wall for the protection of the Ocean avenue roadbed. About 598 feet more will complete the wall.

#### Wellington Avenue Wall.

Owing to bad weather, we were unable to finish this wall last season. The work was completed this year.

Appropriation \$200.00; expenditure \$199.69; balance \$.31.

#### Sea Wall, Cliff Walk at Webster Street.

I reported to your Honorable Body under date of September 21, 1911, that the sea wall at the extreme east end of Webster street at the Cliff Walk, was in a very dangerous condition and in need of attention. In my estimation the said wall will have to be built to meet the wall of Mrs. Robert Goelet. Her wall has fallen, which adjoins the city wall, and they both should be built at the same time to bond them together.

#### Ashhurst Place.

In giving the estimate for the improvement to this street, some misunderstanding was made regarding the amount of work to be done, and when we were about to perform the work, it was found that the appropriation was insufficient. We have however, charged the granite curb, which we have on hand at the City Yard, to this street, amounting to \$257.00, and I recommend that an appropriation be made next year to complete the work.

Appropriation \$525.00; granite curb charged up \$257.00; balance \$268.00.

#### Byrnes Street.

A new granite curb and gutter has been laid on the west side of Byrnes street, and the roadbed has been macadamized.

Appropriation \$1,100.00; expenditure \$1,031.69; balance \$68.31.

#### Coddington Street.

In laying the new granite curb on the south side of Coddington street, to replace the double gutter, a large amount of cobbles were removed, and these cobbles were used instead of granite culls in making the new gutter. This of course reduced the cost of construction.

Appropriation \$900.00; expenditure \$405.81; balance \$494.19.

#### Coddington Wharf.

This wharf has been improved by laying new granite curb and gutters on both sides and macadamizing the roadbed.

Appropriation \$2,225.00; expenditure \$1,707.58; balance \$517.42.

**Edgar Court.**

Edgar court has received a new granite curb and gutter on the east side, and new granite curb and gutter on the west side from Bath road to the Swinburne estate, and the roadbed has been macadamized.

Appropriation \$2,500.00; expenditure \$2,328.41; balance \$171.59.

**Freebody Street.**

The west side of this street, from Martin estate to a point opposite Weaver avenue, has received a new granite curb and gutter, which greatly improves the conditions opposite Freebody Park.

Appropriation \$1,100.00; expenditure \$879.28; balance \$320.72.

**McAllister Street.**

A new granite curb and gutter has been laid on the north side and a flagwalk and granite curb gutter laid on the south side, also the roadbed of this street has been macadamized. The flagstone used, was some we had on hand at the City Yard.

Appropriation \$2,500.00; expenditure \$2,496.89; balance \$3.11.

**Second Street, Between Sycamore and Cypress Street.**

Second street, between the two points above mentioned, has been improved by the laying of a new granite curb and gutter on both sides, and macadamizing the roadbed. The stone used in the construction of the roadbed came from Diamond Hill, and was purchased from the Shepley Construction Company. This stone is of excellent quality and makes an exceptionally good macadam. The only drawback is in getting the stone here, and on the work. A storage plant, located near the railroad terminus, would facilitate matters in this respect.

Appropriation \$1,550.00; expenditure \$1,547.08; balance \$2.92.

**Second Street, Between Van Zandt Avenue and Sycamore Street.**

The above part of Second street has received a new granite curb and gutter on the west side, and part of the roadbed new macadam. The stone used came from Diamond Hill.

Appropriation \$465.00; expenditure \$463.86; balance \$1.14.

**Sheffield Avenue.**

Sheffield avenue from Malbone avenue west, for a distance of 600 feet, has been turnpiked and macadamized.

Appropriation \$1,325.00; expenditure \$1,321.51; balance \$3.49.

I recommend that an appropriation be made next year to finish this street.



**West Pelham Street.**

A new granite curb and gutter has been laid on the south side of this street, to replace the board walk.

Appropriation \$500.00; expenditure \$476.09; balance \$23.91.

**New Street.**

A street has been opened up, turnpiked and macadamized through the King Park land, between West Narragansett avenue and Wellington avenue. After completing the work, I considered the street unsafe for public travel, so I fenced up the same until next spring.

In the construction of the roadbed of this street, the small steam road roller, belonging to Mr. J. K. Sullivan, was used, because owing to the soft condition of the road, it was considered unwise to attempt to perform the work with one of the department's heavy rollers.

Appropriation \$2,500.00; expenditure \$1,784.35; balance \$715.65.

**Wellington Avenue Widening.**

Wellington avenue, from the Pier to Halidon avenue, has been widened. First we filled the space between the old roadbed and the newly built wall with the city refuse, then we macadamized same. The widening of the avenue at this point eliminates an exceedingly dangerous condition, which existed there. I would recommend that an appropriation be made next year to properly finish the work.

Appropriation \$500.00; expenditure \$445.18; balance \$54.82.

**Granolithic Sidewalks.**

For the first time in eleven years, an appropriation was made for granolithic sidewalks, to be laid in certain streets, a separate appropriation for each street.

Total appropriation \$16,150.00; expenditure \$10,372.06; leaving an unexpended balance of \$5,777.94.

The estimate of these sidewalks was figured upon a basis of the cost of previous years, but, owing to the exceptional good weather, the low cost of materials, and the efficient work performed solely by employees of the Department, we were enabled to do the work at a much less cost than was estimated.

The following is a complete detail report, viz.:

Labor as per pay rolls.....	\$6,600 52
500½ bbls. Nazareth Cement @ \$1.27.....	\$635 95
669¼ bbls. Vulvanite Cement @ \$1.32.....	883 41
	<hr/>
	1,519 36

## GRANOLITHIC SIDEWALKS.

Location.	Length Feet	Sq. Yds.	Appro- priation	Expen- diture	Balance
Ayrault street, north side, Kay to Francis-----	555.5	346.6	\$725.00	\$475.73	\$249.27
Bath road, south side, Cliff avenue to Cliff walk-----	650.5	586.0	1,150.00	897.59	252.41
Broadway, east side, City Hall north-----	154.9	161.5	930.00	282.17	647.83
Burnside avenue, north side-----	794.6	293.7	750.00	526.72	223.28
Carroll avenue, west side, Thames to Harrison (5 feet wide).-----	686.6	368.5	960.00	666.27	293.73
Clinton avenue, north side (4 feet wide)-----	723.3	311.6	775.00	679.93	95.07
Connection street, north side-----	1,142.4	893.8	2,500.00	1,211.63	1,288.37
Dixon street, south side, Thames to Spring feet wide)-----	729.2	381.7	800.00	681.68	118.32
East Bowery street, south side, Middleton to Bellevue (5 feet wide)-----	1,135.3	440.6	1,200.00	1,176.05	23.95
Friendship street, north side, Broadway-Bradford-----	422.5	286.0	725.00	523.12	201.88
Lincoln street, west side-----	412.5	218.0	570.00	359.37	210.63
Oak street, south side-----	238.0	118.5	245.00	155.23	89.77
Old Bench road, north side, Cottage to Greenough-----	481.8	228.4	470.00	427.31	42.69
Perry street, north side, Spring to Powel Estate-----	357.9	181.5	520.00	287.68	232.32
Thurston avenue, north side-----	337.3	149.9	260.00	257.56	2.44
William street, north side-----	1,000.2	467.8	1,550.00	715.33	834.67
West Pelham street, south side-----	227.5	114.4	360.00	189.30	170.70
Webster street, north side, Thames to Spring-----	875.4	634.0	1,660.00	859.39	800.61
Average cost per square yard, \$1.677.	10,925.4	6,182.5	\$16,150.00	\$10,372.06	\$5,777.94

**Easton's Beach.**

As usual, this year a man has been employed during the summer months in cleaning up the roadbed, mowing the grass plat, etc., at Easton's Beach. The iron fence has also been painted. Total expenditures during the year \$397.01.

I would recommend that an appropriation be made next year to lay a granolithic sidewalk from the Cliff Walk to the entrance of the Beach.

**Forty Steps.**

The Forty Steps have been considerably improved this year by removing the old wooden platform and replacing same with concrete. A new stone wall has been built, six feet west of old line, 92 feet by 5½ feet by 20 inches. The steps have been changed, facing south to west, and have been rebuilt with concrete. We placed an iron picket fence, 67½ feet long and 4 feet high on top of the wall, also replaced rail fence to avoid accidents.

This improvement is permanent, and must be seen to be appreciated.

Appropriation \$1,025.00; expenditure \$773.69; balance \$251.31.

**Van Zandt Avenue Bridge.**

This bridge has been painted this year, under contract with Mr. T. B. Dawley, for the sum of \$160.00. Other repairs were made amounting to \$2.36. Total expenditure \$162.36.

**Bridge Repairs.**

The following bridges also received minor repairs, viz.:

Bedlow avenue . . . . .	\$23 48
Girard avenue . . . . .	14 46
Green Bridge, Ocean avenue . . . . .	27 15
Total . . . . .	<hr/> \$65 09

**City Floats.**

Repairs have been made this year to the City Floats, amounting to \$30.92.

**Install Fountain, Touro Park.**

The appropriation of \$75.00, for installing the drinking fountain on Touro Park West, was hardly sufficient to cover the cost of same. When I submitted this estimate, I was only considering the drainage of the waste, and not the complete work of installation.



This department laid the drain for the overflow, connecting the same with the Mill street sewer. Having some money left, we partly set up the fountain, but had to discontinue the work for want of funds.

The Board of Aldermen, on August 4th, passed a resolution authorizing and directing me to complete the installation of the fountain, and charge the expense to the appropriation for the maintenance of City Fountains. Although I hardly think that this was the proper proceeding to take, I employed Mr. Alex Booth to finish the work at an expense of \$18.80, which amount was charged up as directed by the Board of Aldermen.

I would recommend that an appropriation be made next year to perform the necessary plumbing work to put this fountain in commission.

Appropriation \$75.00; expenditure, including Mr. Booth's bill, \$149.97; balance, \$.03.

#### **Washington Square Fountain.**

A communication was received by the Board of Aldermen, under date of September 28th, 1911, from the National Humane Alliance of New York, advising the Board that the fountain that they had presented to the City of Newport had been shipped. This communication was referred to this department. The fountain was to replace the one on Washington square, but we had no appropriation to install the same.

Street Commissioner J. K. Sullivan, however, temporarily assumed the cost of the installation of the fountain, the expense of which was \$114.82, not including the lantern. An appropriation will have to be made next year for the amount, to reimburse the Street Commissioner.

Another appropriation will also have to be made for installing the fountain, which was formerly located on Washington square, to comply with the condition of the National Humane Alliance in presenting this city with a fountain.

#### **Van Zandt Avenue Pier.**

This pier is in a very bad condition, cribs are all rotting out. I would recommend that an appropriation be made next year to properly reconstruct the pier.

#### **Ann Street Pier.**

Ann street pier should receive next year, two or three new piles and other repairs that are necessary.

**Tree Preservation.**

This year, the State did not make an appropriation for the spraying of trees, to exterminate the Elm Beetle and Tussock Moth, however, we used the State sprayer and paid for both the labor and material. The cost of spraying this year, was, labor \$151.13; arsenic of lead \$66.13; trimming and removing \$81.71; leaving a balance of \$1.03. I would recommend that a much larger appropriation be made next year for tree preservation, as we need more money for the removal of trees, which blow down during heavy wind storms.

**Bellevue Avenue.**

Something should be done regarding the roadbed of Bellevue avenue, which is one of the principle drives of the City.

The macadam is unable to resist the constant traffic of the automobiles. Again this season as in previous years, we thoroughly repaired the roadbed, but in a very short time, the automobiles had picked up and filled the macadam with pockets, so that we were obliged to patch with fine crushed stone, for more than half of the season.

The cost of repairs and resurfacing the roadbed this year, other than the Telford macadam, amounted to \$1,752.53,, and of which amount, \$454.52 was for patching.

To save this annual expense, this avenue should receive a roadbed of the same construction as Coggeshall avenue, which is of tarvia.

In 1907 we laid a section of tarvia macadam in Bellevue avenue, between Bowery street and Perry street, and after four years' wear, the roadbed is in a very good condition.

To treat the whole length of the avenue in any one year would no doubt be too large a proposition to consider, I therefore would suggest that the work be done in sections.

I would recommend that an appropriation be made next year to lay a tarvia macadam roadbed in that part of Bellevue avenue, between Kay street and Bowery street.

**Sewer Permits.**

During the year 111 permits to connect with sewers were issued, making a total to date of 3,729 since the system was adopted in 1884. The number and description of fixtures connected were as follows:—

	Previously reported.	1911.	Total.
Water closets . . . . .	3,651	189	3,840
Laundry tubs . . . . .	1,820	132	1,953



# REPORT OF STREET COMMISSIONER

59

Sinks . . . . .	4,427	130	4,557
Bath tubs . . . . .	1,742	89	1,831
Cellar drains . . . . .	1,604	51	1,655
Bowls . . . . .	503	125	628
Land drains . . . . .	112	1	113
Roofs . . . . .	811	53	864
Furnace pits . . . . .	4		4
Stable fixtures . . . . .	56	3	59
Families accommodated . . . . .	4,431	113	4,544
Persons accommodated . . . . .	6,080	339	6,419

## New Sewers.

### Special sewers:

Bedlow avenue . . . . .	862 ft. of 8-in. pipe
County street . . . . .	479 ft. of 8-in. pipe
Kilburn court . . . . .	284 ft. of 8-in. pipe

### Emergency sewers:

Bay Side avenue, extend . . . . .	124 ft. of 8-in. pipe
Harrison avenue, extend . . . . .	180 ft. of 8-in. pipe
Peckham avenue, extend . . . . .	26 ft. of 8-in. pipe
Russo place . . . . .	178 ft of 8-in. pipe

## Man-Holes Built.

Bedlow avenue . . . . .	1
Bedlow road, at Fenner avenue . . . . .	1
Bedlow road, at Caswell avenue . . . . .	1
Bedlow road, at Almy court . . . . .	1
Bedlow road, at Whitwell avenue . . . . .	1
County street, east end . . . . .	1
Eustis avenue, at Taber street . . . . .	1
Eustis avenue, at Water Works road . . . . .	1
Eustis avenue, at Champlin street . . . . .	1
Gay street, at Eustis avenue . . . . .	1
Gay street, at Gibbs avenue . . . . .	1
Gay street, at Friendship street . . . . .	1
Gay street at Powel avenue . . . . .	1
Kilburn court, east end . . . . .	1
Water Works road, at Gibbs avenue . . . . .	1
Whitwell avenue, at Taber street . . . . .	1

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## Catch Basins Built.

West Pelham street, at Champlin's.  
Second street, at Cypress street.

**REPORT OF STREET COMMISSIONER****Eye-Holes Built.**

Congdon avenue, at Van Zandt avenue, east side.

Edgar court, at Bath road, west side.

Ocean avenue, at Bailey's Beach.

**New Culverts.**

Bailey's Beach , .....130 ft. of 18-in. pipe

Water Works road . .....110 ft. of 18-in. pipe

Wellington avenue, at Halidon avenue..... 32 ft. of 18-in. pipe

# REPORT OF STREET COMMISSIONER

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## PERMITS FOR STREET AND SIDEWALK OPENINGS, ETC.

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Totals
Laying gas services-----				2	5	8	5	6	6	2	1		35
Laying gas mains-----									1				1
Extending gas mains-----					1						1		2
Repairing gas mains-----				1			1					1	2
Repairing gas services-----													1
Placing gas lamps-----						2	1						3
Repairing gas lamps-----				1									1
Electric Conduit-----	3			9	2	2	1	1		1	2		21
Connecting waste from electric conduit.					6								6
Electric light repairs-----					1								1
Telephone Conduits-----	2		2	2		1		1					8
Repairing telephone conduits-----						1							1
Repairing street railway tracks-----			1	6		1	1	1					10
Clearing drains-----	1				3				3		1		8
Repairing and relaying sewers-----		1	2				1	1			1		6
Rain water leader-----	1												4
Gutter bridge-----					2					1		1	4
Repairing streets-----						4							4
Laying granolithic sidewalks-----				1						1			2
Repairing sidewalks-----					1	1				1			3
Sidewalk lights-----				1			1						2
Use of sidewalk for building-----	3	6	3	1	1	1	3		2		1	3	24
Laying driveways-----													1
Laying crossings-----											1		1
Fire alarm wires-----				2									2
	10	7	8	26	22	21	14	11	12	6	8	5	150

## REPORT OF STREET COMMISSIONER

## STREETS TELFORD MACADAMED.

Street or Avenue.	Ledge Stone	Tons Crushed Stone	Days Steam Roller	Avg. Depth Work	Length feet	Width feet	Sq. Yds.	Cost per Sq. Yd.	Total Cost
Bellevue avenue from Kay street to Downing street	493	634	33	12 in.	1,028	22 ft. 6 in.	2,570	1.080	2,772.00
Wellington avenue whitening	91	114	9	8 in.	500	20 in.	1,111	.401	445.18
	584	748	42		1,528		3,681		\$3,217.84

## STREETS MACADAMIZED (NEW WORK).

Street or Avenue.	Tons Cr. Stone	Days Steam Roller	Avg. Depth Work	Length Feet	Width Feet	Sq. Yds.	Cost per Sq. Yd.	Cost Macadam	Cost Turnpike	Total Cost
Byrnes street-----	92	9	4 in.	350	14 ft 6 in	564	\$ 504	\$282.25	\$	\$282.25
Coddington wharf-----	68	6	4 in.	357	11 ft 6 in	456	.449	205.06		205.06
Edgar court-----	177	10½	6 in.	600	17 ft	1,133	.416	472.32	40.74	513.06
Gibbs avenue, Friendship place to Water Works road.	424	26½	6 in.	1,221	20 ft	2,712	.490	1,330.26		1,330.26
McAllister street-----	118	7	5 in.	721	14 ft	1,133	.284	321.91		321.91
Second street (Sycamore-Cy- press) -----	* 147	9	6 in.	341	21 ft	795	.519	412.65		412.65
Second street (Sycamore street south)-----	* 42	3	6 in.	150	21 ft	350	.439	153.74		153.74
Sheffield avenue., Mallbone av- enue west-----	414	22	6 in.	600	22 ft	1,406	.779	1,143.37	178.14	1,321.51
New street (West Narragan- sett to Wellington avenue. -	513	29	6 in.	689	30 ft	2,296	.624	1,432.86	233.50	1,666.36
	1,995	115		5,029		10,905		\$5,754.42	\$452.38	\$6,206.80

\* 140 Tons Diamond Hill  
Stone.

\* Diamond Hill Stone.

## REPORT OF STREET COMMISSIONER

## STREETS REMACADAMIZED.

Street or Avenue.	Tons Crushed Stone	Days Steam Roller	Avg. Depth Work	Length Feet	Width Feet	Sq. Yds.	Cost per Sq. Yd.	Total Cost
Kay street, Rhode Island ave. to Bull street	501	24½	5 in.	1,037	22 ft.	4,735	\$ .275	\$1,305.01
Rhode Island avenue, Old Bench road south	127	6½	5 in.	500	18 ft.	1,000	.325	325.33
Second street, Van Zandt ave. to north	109	8	7 in.	205	21 ft.	478	.025	208.70
Touro street, Clark street west	120	5	3 in.	524	15 ft. 8 in.	912	.340	310.08
	803	44		3,106		7,125	\$ .310	\$2,248.83

• 103 tons Diamond Hill  
Stone.

## STREETS RE-SURFACED AND ROLLED.

Street or Avenue.	Tons Crushed Stone	Days Steam Roller	Length Feet	Width Feet	Sq. Yds.	Cost per Sq. Yd.	Total Cost
Anandale road, East Bowery street to Merton road-----	282	18	1,015	20 ft.	2,255	.344	\$774.92
Bellevue avenue, Pelham street to Bath road-----	279	10½	492	29 ft. 5 in.	1,608	.452	727.52
Bowery street, King street to Bellevue avenue-----	58	5	513	16 ft. 6 in.	940	.190	177.14
Chapel street, DeBlois street to Old Beach road-----	147	10½	926	20 ft.	2,057	.206	425.17
Francis street-----	130	10½	533	22 ft. 3 in.	1,317	.302	398.15
Freebody street, Merton road to East Bowery street-----	263	17	568	23 ft. 6 in.	1,483	.486	721.65
Kay street, Gibbs avenue to Powel avenue-----	87	7½	465	11 ft.	568	.474	269.33
Old Beach road, Bellevue avenue to Red Cross avenue-----	75	7½	1,336	15 ft. 6 in.	2,300	.103	237.68
Perry street, Grant street to Spring street-----	40	5	325	18 ft.	650	.212	138.07
Third street, Walnut street to Bridge street-----	212	10¾	944	17 ft.	1,783	.320	570.76
Tilden avenue-----	143	8	952	10 ft. 6 in.	1,110	.347	385.17
Touros street, Kay street west-----	69	5	309	17 ft.	583	.361	210.42
Van Zandt avenue, Malbone avenue to Farewell street-----	893	55	2,439	25 ft. 9 in.	6,978	.361	2,520.24
Vernon avenue, Broadway east-----	62	7	375	18 ft.	750	.291	218.11
William street-----	172	12½	1,193	13 ft. 8 in.	1,811	.270	489.19
	2,912	195½	12,385		26,193	315	\$8,263.52

## New Crossings.

Bellevue avenue, at Downing street.....	30 ft. 5 in. x 6	ft.
Bellevue avenue, at Mill street.....	29 ft. x 6	ft.
Richmond street, at Thames street.....	31 ft. 5 in. x 4 ft. 9	in.
Ruggles avenue, at Bellevue avenue.....	21 ft. x	ft.
West Broadway, at Gould street.....	32 ft. x	ft.

## Crossings Repaired.

Bath road at Freebody street.....	25 ft. x 6 ft. 6	in.
Bath road at Bellevue avenue.....	27 ft. x 6	ft.
Bellevue avenue at Catherine street.....	11 ft. x 5	ft.
Bellevue Court at Bellevue avenue .....	25 ft. x	ft.
Bowery street at Bellevue avenue.....	32 ft. x 6	ft.
Branch street at West Broadway.....	27 ft. x 1 0	ft.
Broadway at Brooks avenue.....	40 ft. x 4	ft.
Bull street at Mount Vernon street.....	20 ft. x 6	ft.
Catherine street at Bellevue avenue .....	29 ft. x	4 ft.
Central street at Bull street.....	25 ft. x 6	ft.
Charles street at Washington square.....	15 ft. x 9	ft.
Church street .....	23 ft. x 7	ft.
Corne street at Mill street.....	15 ft. 9 in. x 9	ft.
Dixon street at Bellevue avenue.....	27 ft. x 5	ft.
Edward street at West Broadway.....	17 ft. x 6	ft.
Edward street at West Broadway.....	27 ft. x 10	ft.
Freebody street at Bath road.....	28 ft. x 5 ft. 6	in.
Levin street at Bellevue avenue.....	10 ft. x 5	ft.
Marlborough street at Broadway.....	104 ft. x 10	ft.
Marine avenue at Bellevue avenue.....	38 ft. x 7	ft.
Mount Vernon street at Sherman street.....	25 ft. x 7	ft.
Redwood street at Bellevue avenue.....	12 ft. x 8	ft.
Washington square by Army & Navy Y. M. C. A... 50 ft. x 4		ft.
Warner street at Pleasant street.....	20 ft. x 8	ft.
West Marlborough street at Thames street.....	40 ft. x 6	ft.
West Marlborough street at Thames street.....	30 ft. x 5	ft.

## New Driveways Paved.

Coddington wharf at "Buckley's".....	13 ft. 10 in. x 1 ft. 8 in.	
Coddington wharf at "Buckley's".....	10 ft. 9 in. x 1 ft. 6 in.	
Coddington wharf at "Reagan's".....	10 ft. 11 in. x 1 ft. 6 in.	
Coddington wharf at "Hodgson's" .....	11 ft. x 1 ft. 6 in.	
Edgar court at "Tabb's".....	13 ft. 6 in. x 2 ft.	
Edgar court at "Water's".....	19 ft. 9 in. x 1 ft. 4 in.	
Rhode Island avenue at "Chase's".....	20 ft. x 3 ft.	



## Driveways Repaired.

rel avenue at "Manchester's".....	12 ft. x 4 ft.
rel avenue at "King's".....	12 ft. x 4 ft.
ng street at "McCormick's".....	13 ft. x 8 ft.

## New Granite Cutters.

es street.....	20 ft. x 4 ft.
es street.....	345 ft. x 2 ft.
ington wharf.....	87 ft. x 3 ft.
ington wharf.....	702 ft. x 2 ft.
ll avenue, corner Harrison avenue.....	23 ft. x 2 ft.
ar court.....	906 ft. x 2 ft.
body street.....	461 ft. x 2 ft.
lister street.....	704 ft. x 2 ft.
lister street.....	413 ft. x 3 ft.
nd street, Sycamore to Van Zandt avenue.....	169 ft. x 2 ft.
nd street, Sycamore to Cypress street.....	647 ft. x 2 ft.
st Pelham street.....	236 ft. x 2 ft.
llington avenue at New street.....	47 ft. x 4 ft.

## New Cobble Gutter.

ington street.....	405 ft. x 2 ft.
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## Gutters Repaved.

## White Blocks:

Bellevue avenue at Ruggles avenue.....	15 ft. x 2 ft.
Bliss road.....	400 ft. x 2 ft.
Congdon avenue.....	40 ft. x 2 ft.
Dixon street near Bellevue avenue.....	30 ft. x 6 ft.
Friendship street.....	360 ft. x 2 ft.
Hope street.....	840 ft. x 2 ft.
Prescott Hall road.....	91 ft. x 6 ft.
Prescott Hall road.....	1151 ft. x 2 ft.
Spring street, Dixon to Perry street.....	778 ft. x 2 ft.
Wellington avenue at Clinton street.....	13 ft. x 4 ft.
West Broadway near Edward street.....	49 ft. x 2 ft.

## Cobble stone:

Ayrault street, Kay to Francis street.....	440 ft. x 2 ft.
Bellevue avenue at Bellevue court.....	37 ft. x 5 ft.
Central street near Bull street.....	30 ft. x 2 ft.
Channing street.....	430 ft. x 2 ft.
Church street.....	400 ft. x 2 ft.
Corne street, Mill to Pelham street.....	393 ft. x 2 ft.
Gould street.....	50 ft. x 2 ft.

Halsey street . . . . .	382 ft. x 2 ft.
Levin street . . . . .	43 ft. x 2 ft.
Mill street, Thames to Spring street.....	488 ft. x 2 ft. 8 in.
Mill street, Thames to Spring street.....	575 ft. x 2 ft. 4 in.
Mill street, Spring to Corne street.....	203 ft. x 2 ft. 5 in.
Mill street, Corne to Touro Park West.....	379 ft. x 2 ft.
Mill street at Corne street.....	19 ft. x 5 ft. 10 in.
McAllister street . . . . .	310 ft. x 3 ft.
Old Beach road, Tew's court to Chapel st.	140 ft. x 1 ft. 6 in.
Perry street . . . . .	76 ft. 6 in. x 2 ft. 4 in.
Pleasant street . . . . .	200 ft. x 2 ft.
Powel avenue . . . . .	330 ft. x 2 ft.
School street . . . . .	127 ft. x 2 ft.
Washington street at Pine street.....	43 ft. x 4 ft.
Warner street, Pond to Spruce street.....	300 ft. x 2 ft.
West Marlborough street . . . . .	191 ft. x 2 ft.

**New Granite Curb.**

Byrnes street . . . . .	345 ft.
Coddington wharf . . . . .	655 ft. 10 in.
Coddington street . . . . .	379 ft.
Edgar court . . . . .	863 ft.
Freebody street . . . . .	458 ft. 11 in.
McAllister street . . . . .	704 ft. 8 in.
Second street, Sycamore to Van Zandt avenue.....	169 ft. 8 in.
Second street, Sycamore to Cypress street.....	667 ft. 5 in.
West Pelham street . . . . .	236 ft.

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 4,479 ft. 6 in.
**New Blue Stone Curb.**

Carroll avenue, corner Harrison avenue.....	21 ft. 7 in.
Coddington street . . . . .	7 ft. 5 in.

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 29 ft.
**Curbs Re-Set.****Granite:**

Congdon avenue . . . . .	40 ft.
Friendship street . . . . .	300 ft.
Halsey street . . . . .	350 ft.
Wellington avenue . . . . .	15 ft.

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 705 ft.

*Bluestone:*

Ayrault street, Kay to Francis street.....	440 ft.
Corne street, Mill to Pelham street.....	390 ft.
East Bowery street.....	625 ft.
Hope street.....	800 ft.
Mill street, Thames to Spring street.....	308 ft.
Mill street, Spring to Corne street.....	210 ft.
Mill street, Corne to Touro Park West.....	341 ft.
Perry street.....	76 ft. 6 in.
Powel avenue.....	210 ft.
Spring street, Dixon to Perry street.....	778 ft.
	<hr/>
	4,178 ft. 6 in.

*Granolithic:*

Bradford avenue.....	100 ft.
Pleasant street.....	400 ft.
Prescott Hall road.....	1,151 ft.
	<hr/>
	1,651 ft.

## Streets Patched.

Bateman avenue, Bath road, Battery street, Bellevue avenue, Beach street, Brandt street, Bridge street, Broadway, Callender avenue, Carroll avenue, Catherine street, Chapel street, Chastellux avenue, Church street, Coggeshall avenue, Connection street, Corne street, Cranston avenue, Dixon street, East Bowery street, Eastnor street, Elm street, Francis street, Franklin street, Friendship street, Gibbs avenue, Golden Hill street, Halidon avenue, Harrison avenue, Hope street, Jeffery road, John street, Kay street, Levin street, Malone avenue, Marchant street, Mary street, Merton road, Midon avenue, Mill street, Morton avenue, Narragansett avenue, Newport avenue, Ocean avenue, Ochre Point avenue, Old Beach road, Pelham street, Perry street, Powel avenue, Ridge road, Rosebath avenue, Ruggles avenue, Second street, Spring street, South First street, Thames street, Touro Park West, Touro street, Van Buren street, Walnut street, Warner street, Washington square, Washington street, Water Works road, Wellington avenue, West Broadway, West Marlborough street, Wheatland avenue.

## Streets Turnpiked.

New Street.....	689 ft. x 30 ft.	2,296 Sq. Yds.
Sheffield avenue.....	950 ft. x 22 ft.	2,322 Sq. Yds.
	<hr/>	<hr/>
	1,639 ft.	4,618 Sq. Yds.

## REPORT OF STREET COMMISSIONER

## New Flag Walk.

McAllister street . . . . . 412 ft. 10 in. x 1 ft. 6 in.

## Sidewalk Repairs.

## Flagstone:

Ann street . . . . . 50 ft. x 8 ft.  
 Barney street . . . . . 37 ft. x 4 ft.  
 Church street, south side. . . . . 140 ft. x 9 ft.  
 Church street, north side. . . . . 175 ft. x 5 ft.  
 Division street . . . . . 54 ft. x 9 ft.  
 Green street . . . . . 36 ft. x 5 ft.  
 Gidley street . . . . . 200 ft. x 3 ft.  
 Mount Vernon street. . . . . 120 ft. x 5 ft.  
 McAllister street . . . . . 310 ft. x 1 ft.  
 Mill street . . . . . 300 ft. x 7 ft.  
 Redwood street . . . . . 30 ft. x 6 ft.  
 School street . . . . . 127 ft. x 8 ft.  
 Thames street . . . . . 46 ft. x 7 ft.  
 Touro street, Mount Vernon to Whitfield court.. 213 ft. x 8 ft.  
 Touro street at Dr. Brackett's, north side. . . . . 100 ft. x 7 ft.

## Brick:

Broadway . . . . . 75 ft. x 9 ft.  
 Green street . . . . . 40 ft. x 5 ft.  
 Pelham street . . . . . 50 ft. x 7 ft.  
 Thames street . . . . . 37 ft. x 9 ft.  
 Washington square . . . . . 50 ft. x 7 ft.

## Asphalt blocks:

Thames street, Pope to Extension street. . . . . 40 ft. x 9 ft.  
 Thames street at Bee Hive. . . . . 40 ft. x 6 ft.

## Sea Wall Repaired.

Battery street . . . . .  
 Wellington avenue . . . . .

# REPORT OF STREET COMMISSIONER

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## COMPARATIVE STATEMENT OF FUEL CONSUMED BY DEPARTMENT.

	1909.			1910.			1911.		
	Tons	Cds.	Cost.	Tons	Cds.	Cost.	Tons	Cds.	Cost.
Cumberland Lump Coal at \$8.20-----	- 1000		\$4.10			\$			
Cumberland Coal at 5.25-----	142-1020		751.33	149-1800		787.00	173-1800		\$904.28
Cumberland Coal at 5.20-----									
Egg Coal at 6.87-----				109-1380		753.54	121-		828.85
Egg Coal at 6.85-----	104		707.20						
Egg Coal at 6.75-----	2		13.50						
Stove Coal at 6.87-----				22- 104		151.50	3		20.61
Stove Coal at 6.85-----							23		157.55
Stove Coal at 6.80-----	17- 144		116.03	3-1900		27.08			
Stove Coal at 6.75-----	10		67.50						
Wood at 10.75-----		1	10.75						
Wood at 9.75-----		28	259.34		26½	257.94		33-7	330.19
Wood at 9.25-----		4	2.81						
Wood (4 cut)-----									
	276- 164	29-4	\$1,932.56	285-1250	26-2	\$1,977.06	320-1800	33-7	\$2,241.48

## DEPARTMENT OF HIGHWAYS AND BRIDGES.

[illegible]



**INVENTORY OF PROPERTY BELONGING TO THE DEPARTMENT OF HIGHWAYS AND BRIDGES.**

**Office.**

1 Victor safe . . . . .	\$180 00
1 Iron safe (City Yard office, Long wharf)	25 00
1 Iron safe (loaned License Commissioners)	140 00
Furniture, clock, stoves, desk, cotypepress, etc. . . . .	55 00
1 Engineer's transit . . . . .	250 00
1 Set engineer's drafting instruments....	5 50
1 Plummet lamp . . . . .	5 00
1 Exploding battery . . . . .	25 00
1 Engineer's level and rod.....	50 00

**\$735 50**

**Wharf and Stable.**

1 Fairbank's scale . . . . .	\$50 00
10 Horses . . . . .	1,500 00
3 Stone wagons . . . . .	300 00
4 Dump carts . . . . .	80 00
2 Two-horse steel dump carts.....	300 00
2 Two-horse steel dump carts (old).....	50 00
3 One-horse steel dump carts...?	375 00
1 Double gear . . . . .	75 00
1 Single gear . . . . .	50 00
1 Express wagon . . . . .	50 00
1 Street sweeper . . . . .	10 00
1 Two-horse roller . . . . .	200 00
9 One-horse watering carts . . . . .	450 00
9 Two-horse watering carts . . . . .	900 00
4 Sets double harness . . . . .	150 00
4 Sets cart harness . . . . .	20 00
4 Sets single wagon harness.....	20 00
9 Waterproof covers . . . . .	8 00
11 Woolen blankets . . . . .	11 00
9 Baker blankets . . . . .	9 00
9 Stable forks . . . . .	4 50
2 Wagon jacks . . . . .	1 00
3 Steam road rollers . . . . .	9,000 00
2 Stone trucks . . . . .	20 00
1 Patrol wagon . . . . .	2 00
12 Iron wheelbarrows . . . . .	120 00
2 Lawn mowers . . . . .	5 00
8 Wooden wheelbarrows . . . . .	12 00

1 Derrick, complete . . . . .	150 00
1 Controlling nozzle and pipe . . . . .	10 00
6 Spanner wrenches . . . . .	2 50
7 Hydrant wrenches . . . . .	7 00
2 Ship pumps and hose (50 ft.) . . . . .	75 00
85 Lanterns and globes . . . . .	42 50
1 Gravel screen . . . . .	6 00
1 Tree pruner . . . . .	1 00
6 Ice picks . . . . .	1 50
2 Cast iron stoves . . . . .	25 00
4 Jack screws . . . . .	8 00
1 Asphalt pot . . . . .	3 00
2 Babbitt pots . . . . .	2 00
2 Tar kettles on wheels . . . . .	266 00
2 Claw hammers . . . . .	30
2 Machinist hammers . . . . .	1 00
1 Asphalt repair plant and tools, complete . . . . .	400 00
6 Asphalt maddocks . . . . .	6 00
3 Three-inch augers . . . . .	12 00
4 Small augers . . . . .	2 00
1 Set bits . . . . .	2 00
1 Breast drill . . . . .	2 00
4 Crosscut saws . . . . .	6 00
2 Bit stocks . . . . .	4 00
7 Hand saws . . . . .	3 50
1 Wood saw . . . . .	1 00
1 Hack saw . . . . .	1 00
4 Straight edges . . . . .	4 00
2 Plows . . . . .	25 00
2 Stone axes . . . . .	3 00
38 Cutting tools . . . . .	3 80
11 Hand drills . . . . .	5 50
22 Iron bars . . . . .	22 00
6 Tampers . . . . .	6 00
2 Iron pounders . . . . .	2 00
85 Iron pins . . . . .	21 25
300 Lbs. steel . . . . .	24 00
2 Striking hammers . . . . .	3 00
13 Sledges . . . . .	19 50
2 Anvils . . . . .	7 50
1 Paving pounder . . . . .	1 00
31 Picks . . . . .	15 50
4 Levels . . . . .	2 00
6 Trench braces . . . . .	18 00



# REPORT OF STREET COMMISSIONER

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3 Maddocks . . . . .	1 50
6 Iron rakes . . . . .	4 50
2 Tape measures . . . . .	1 00
1 Steel tape measure . . . . .	7 50
20 Guard pins and ropes . . . . .	4 00
2 Manhole guards . . . . .	5 00
1 Hydrant valve . . . . .	2 00
4 Tool boxes . . . . .	10 00
3 Sets blocks and falls . . . . .	15 00
7 Stilson wrenches . . . . .	7 00
7 Monkey wrenches . . . . .	3 50
2 Pair chain tongs . . . . .	10 00
1 Bolt cutter . . . . .	50
3 Bench vises . . . . .	12 00
1 Flush tank . . . . .	30 00
1 24-inch manhole grate and rim . . . . .	9 00
1 24-inch manhole cover and rim . . . . .	9 50
1 Light iron cover . . . . .	50
37 Long handle shovels . . . . .	37 00
3 Heavy iron covers . . . . .	6 00
25 Short handle shovels . . . . .	18 75
1 Stone roller . . . . .	25 00
7 Large axes . . . . .	10 50
2 Small axes . . . . .	2 00
3 Ox chains . . . . .	3 00
4 Spades . . . . .	4 00
4 Scythes and blades . . . . .	6 00
3 Squares . . . . .	3 00
1 Trowel . . . . .	50
3 Rubber covers . . . . .	2 00
24 Hoes . . . . .	13 00
2 Pair ollskin pants . . . . .	2 00
6 Pipe wrenches . . . . .	3 00
3 California pumps . . . . .	4 50
2 Smoothing trowels . . . . .	1 50
1 Pair trimming shears . . . . .	1 50
14 Pails . . . . .	1 40
6 Iron drinking pails . . . . .	3 00
2 Step ladders . . . . .	2 00
2 Joiners (granolithic tools) . . . . .	2 00
1 Emery wheel . . . . .	5 00
1 Set wood chisels . . . . .	10 00
3 Planes . . . . .	6 25
4 Screw drivers . . . . .	2 00

## REPORT OF STREET COMMISSIONER

1 Set dies and taps . . . . .	15 00	
1 Bevel . . . . .	1 00	
1 Pipe cutter . . . . .	1 00	
1 Painter's torch . . . . .	1 50	
2 Sets stencils . . . . .	3 00	
1 Hatchet . . . . .	50	
3 50-gallon oil cans . . . . .	12 00	
2 Funnels . . . . .	50	
2 ½-gallon measures . . . . .	1 00	
1 Blacksmith's portable forge . . . . .	12 60	
1 Pair snips . . . . .	2 00	
1 Set sewer cleaning rods and fittings . . . . .	50 00	
1 Soldering iron . . . . .	1 50	
1 Ratchet drill and 16 drills . . . . .	18 00	
2 Iron clamps . . . . .	1 00	
1 Drawing knife . . . . .	1 00	
1 Extension bit . . . . .	1 25	
1 Norton jack (15 ton) . . . . .	48 00	
1 Extension ladder (30 ft.) . . . . .	3 00	
1 ladder (18 ft.) . . . . .	2 00	
1 Upright self-feeding drill and 14 drills . . . . .	29 00	
3 5-gallon oil cans . . . . .	3 00	
		<hr/>
		\$15,510 10
<b>Settling Tank.</b>		
1 Centrifugal pump and fittings . . . . .	\$300 00	
1 Hoisting engine . . . . .	300 00	
1 Boiler . . . . .	365 00	
		<hr/>
		\$965 00
<b>Quarry.</b>		
1 Crusher, engine and boiler . . . . .	\$4,500 00	
1 Fairbank's scale . . . . .	100 00	
1 Bellows . . . . .	15 00	
2 Vises . . . . .	10 00	
1 Anvil . . . . .	7 00	
1 Chain fall . . . . .	10 00	
1 Clock . . . . .	3 50	
1 McKiernan steam drill and fittings . . . . .	296 00	
		<hr/>
		\$4,941 50
<b>Ocean Avenue.</b>		
1 Steam boiler, pump and tanks . . . . .	\$500 00	
1 Windmill (pump at yard) formerly at Bailey's Beach . . . . .	500 00	
		<hr/>
		\$1,000 00

# REPORT OF STREET COMMISSIONER

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## Collins' Beach.

1 Steam boiler, pump and tank.....	500 00
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## Hazard's Beach.

1 Steam boiler, pump and tank.....	700 00
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## Long Wharf.

1 Steam boiler, pump and tank.....	300 00
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## Second Ward Sewerage System.

Pump house, tank, electric motors and pumps, etc. ....	7,500 00
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\$32,152 10

# STATEMENT OF CASH RECEIVED AND DEPOSITED WITH THE CITY TREASURER DURING THE MUNICIPAL YEAR OF 1911.

General Fund.		Highway Fund.	
Wharfage. ....	\$298 50	Labor. ....	\$110 00
Weighing. ....	226 90	Materials. ....	3 60
Permits. ....	125 50	Relaying roadbeds....	852 37
Street Sweepings....	309 75	Use of watering cart.	4 00
Manure. ....	36 00	Use of horse roller...	2 00
Miscellaneous. . . . .	1 40	Use of pump.....	38 00
Worn-out watering Cart. . . . .	50 00	Applying Dustoline...	200 00
Flagstone. . . . .	15 00		
Old stone. . . . .	12 47		
Asphalt blocks. . . . .	3 00		
Park Commission. ...	250 00		
	<hr/>		<hr/>
	\$1,328 52		\$1,209 97

# RECEIPTS AND EXPENDITURES OF ACCOUNTS IN CHARGE OF THE DEPARTMENT OF HIGHWAYS AND BRIDGES FOR THE MUNICIPAL YEAR OF 1911.

## Receipts.

Appropriation. ....	\$144,530 08
Appropriation, Second Ward Sewerage System.....	25,000 00
Appropriation, Install founta'n, Touro Park.....	75 00

## REPORT OF STREET COMMISSIONER

Appropriation, Wellington Avenue widening.....	500 00
Cash received and deposited with the City Treasurer to the credit of the Highway Fund, as per above statement . . . . .	1,209 97
	<hr/>
	\$171,315 05
Disbursements.	
Paid for labor. . . . .	\$112,479 24
Paid for materials. . . . .	32,156 16
Balance unexpended. . . . .	26,679 65
	<hr/>
	\$171,315 05

STATEMENT SHOWING APPROPRIATIONS, DEPOSITS WITH CITY TREASURER, DISBURSEMENTS AND  
BALANCES OF ACCOUNTS IN CHARGE OF THE DEPARTMENT OF HIGHWAYS AND  
BRIDGES DURING THE MUNICIPAL YEAR OF 1911.

	Appropriations	Deposits City Treas.	Total Appro.	Disbursements	Balances
PUBLIC WEIGHTS AND MEASURES.					
3.7—City scales, City wharf-----	\$100.00	\$	\$100.00	\$45.12	\$54.88
PUBLIC SAFETY.					
3.8—Railroad crossings-----	\$50.00		\$50.00	\$10.90	\$39.10
PUBLIC SANITATION.					
5.0—Supervision-----	\$2,437.79	\$	\$2,637.79	\$2,564.71	\$73.08
5.1—Street Cleaning-----	30,000.00		30,000.00	28,789.00	1,211.00
5.2—Refuse disposal-----	6,650.00		6,650.00	6,578.24	71.76
5.3—Sewers and sewerage disposal-----	8,500.00	38.00	8,538.00	7,409.72	628.28
Bedlow avenue sewer-----	850.00		850.00	564.90	285.10
County street sewer-----	1,100.00		1,100.00	572.60	527.40
Kilburn court sewer-----	700.00		700.00	224.22	227.78
Second Ward sewerage system-----	25,000.00		25,000.00	17,738.64	7,261.36
	\$75,437.79	\$38.00	\$75,475.79	\$64,714.25	\$10,761.54

## REPORT OF STREET COMMISSIONER

	Appropriations	Deposits City Treas.	Total Appro.	Disbursements	Balance
PUBLIC HIGHWAYS AND BRIDGES.					
6.0 Supervision	\$3,128.70	\$	\$3,128.70	\$3,147.10	\$281.03
6.2 Street repairs	27,000.00	912.97	27,912.97	26,073.50	1,200.47
Sea Wall repairs	300.00		300.00	30.92	269.08
Repairs to City Yard buildings	500.00		500.00	141.80	358.20
Horses	750.00		750.00		750.00
New extra Crusher parts	450.00		450.00	445.33	4.67
Land damages	300.00		300.00	10.40	283.60
Bellevue avenue Telford macadam, Kay street to Downing street	4,240.00		4,240.00	2,702.00	1,447.31
Sea Wall, Ocean avenue	2,000.00		2,000.00	1,004.47	583
Wellington avenue wall	200.00		200.00	100.00	.31
Ashurst place curb, etc.	525.00		525.00	257.00	268.00
Byrnes street, curb west side and macadamize	1,100.00		1,100.00	1,031.00	68.31
Coddington street curb, south side	900.00		900.00	405.81	494.19
Coddington wharf, curb and macadamize	2,225.00		2,225.00	1,707.58	517.42
Edgar court, curb east side, curb west side to Swinburne Estate and macadamize	2,500.00		2,500.00	2,328.41	171.59
Frederby street, curb west side from Martha Estate to a point opposite Weaver avenue.	1,100.00		1,100.00	870.28	229.72
Gibbs avenue, macadamize between Water Works road and Friendship place	1,225.00		1,225.00	1,224.32	.68
McAllister street, curb north side, flagwalk on south side and macadamize	2,500.00		2,500.00	2,400.80	3.11
Second street, Sycamore to Cypress, grade, curb and macadamize	1,550.00		1,550.00	1,547.08	2.92

Second street, Van Zandt avenue to Sycamore street, curb west side and macadamize-----	465.00	465.00	463.86	1.14
Sheffield avenue, macadamize-----	1,325.00	1,325.00	1,321.51	3.49
West Pelham street, curb south side-----	500.00	500.00	476.09	23.91
New street, between Wellington avenue and West Narragansett avenue, grade and macadamize-----	2,500.00	2,500.00	1,784.35	715.65
Wellington avenue, widen macadamize-----	500.00	500.00	445.18	54.82
Granolithic sidewalks-----	16,150.00	16,150.00	10,372.06	5,777.94
6.6—Snow removal-----	3,500.00	3,500.00	1,871.61	1,628.39
6.8—Street Sprinkling-----	13,000.00	229.00	13,023.39	200.61
6.9—Bridge repairs-----	300.00	300.00	227.45	72.55
	\$91,033.79	\$1,171.97	\$77,310.19	\$14,895.57
PUBLIC RECREATIONS.				
9.5—Easton's Beach-----	\$500.00	\$500.00	\$397.01	\$102.99
Forty Steps, repairs-----	1,025.00	1,025.00	773.69	251.31
City piers, repairs-----	400.00	400.00	12.14	387.86
	\$1,925.00	\$1,925.00	\$1,182.84	\$742.16

## REPORT OF STREET COMMISSIONER

	Appropriations	Deposits City Treas.	Total Appro.	Disbursements	Balances
PUBLIC RECREATIONS, MISCELLANEOUS.					
97 City fountains	\$150.00		\$150.00	\$149.97	\$ .03
Install fountain, Touro Park	75.00		75.00	71.97	3.03
Tree preservation	300.00		300.00	298.97	1.03
	\$525.00		\$525.00	\$520.91	\$4.09
MUNICIPAL INDUSTRIES AND INVESTMENTS.					
PUBLIC DOCKS AND WHARVES.					
107 City wharf	\$833.50		\$833.50	\$820.27	\$13.23
City floats	50.00		50.00	30.92	19.08
City brows	150.00		150.00		150.00
	\$1,033.50		\$1,033.50	\$851.19	\$182.31
SUMMARY.					
Public Weights and Measures					
Public Safety	\$100.00	\$	\$100.00	\$45.12	\$54.88
Public Sanitation	50.00		50.00	10.00	30.10
Public Highways and Bridges	75,437.79	38.00	75,475.79	64,714.25	10,761.54
Public Recreations	91,033.79	1,171.97	92,205.76	77,310.19	14,895.57
Public Recreations, Miscellaneous	1,925.00		1,925.00	1,182.84	742.16
Public Docks and Wharves	525.00		525.00	520.91	4.09
	1,033.50		1,033.50	851.19	182.31
Totals	\$170,105.08	\$1,200.97	\$171,315.05	\$144,035.40	\$26,079.65



**SUMMARY OF EXPENDITURES OF THE DEPARTMENT OF  
HIGHWAYS AND BRIDGES FOR THE MUNICIPAL  
YEAR OF 1911.**

**Public Weights and Measures.**

	Labor.	Materials.	Total.
3.7 City Scales. . . . .	\$13 26	\$31 86	\$45 12
<b>Public Safety.</b>			
3.8 Poplar Street railroad crossing . . . . .	83	10 07	10 90
<b>Public Sanitation.</b>			
5.0 Supervision. . . . .	2,493 79	70 92	2,564 71
5.1 Street Cleaning.			
Cleaning streets. . . . .	17,420 72	264 93	17,685 65
Cleaning Thames Street.	5,409 01	590 49	5,999 50
Cleaning Spring Street..	2,152 02	104 45	2,256 47
Cleaning Broadway. . . .	1,915 34	95 12	2,010 46
Cleaning Long Wharf. . .	802 46	34 46	836 92
5.2 Collection and disposal of city refuse. . . . .	6,572 94	5 30	5,578 24
5.3 Sewers and Sewage Disposal.			
Cleaning main sewers....	1,546 13	146 19	1,692 32
Sewer repairs. . . . .	491 36	64 32	555 68
Clean and repair settling tank. . . . .	407 09	80 06	487 15
Cleaning catch basins and eyes. . . . .	2,765 66	866 82	3,632 48
Repair catch basins and eyes. . . . .	150 49	37 93	188 42
<b>Construction.</b>			
Inspecting sewer connec- tions. . . . .	16 69	.....	16 69
<b>Emergency Sewers.</b>			
Bay Side Avenue.....	60 89	25 32	86 21
Harrison Avenue Extend.	316 94	50 53	367 47
Russo Place. . . . .	100 77	37 71	138 48
Peckham Avenue, Extend	17 94	6 54	24 48
Water Works Road			
culvert. . . . .	7 00	49 50	56 50
Bailey's Beach culvert...	89 50	74 34	163 84
<b>Special Sewers:</b>			
Bedlow avenue . . . . .	448 46	116 44	564 90
County street . . . . .	490 10	82 50	572 60
Kilburn court . . . . .	168 19	56 03	224 22

## REPORT OF STREET COMMISSIONER

## New catch basins:

Second st. at Cypress st..	69 45	30 36	99 81
West Pelham street . . . .	23 52	14 11	37 63

## New eyeholes:

Bailey's Beach . . . . .	39 03	17 34	56 37
Congdon av. at Van Zandt avenue . . . . .	37 60	8 89	46 49
Edgar court . . . . .	25 41	6 51	31 92

## Second Ward sewerage system:

Almy street sewer . . . . .	296 96	91 43	388 39
Bliss road sewer . . . . .	1,608 27	435 33	2,043 60
Brooks avenue sewer . . .	112 43	42 80	155 23
Caswell avenue sewer . . .	234 56	88 12	322 68
Champlin street sewer..	108 66	31 66	140 32
Eustis ave. sewer (Taber south) . . . . .	753 12	313 99	1,067 11
Eustis ave. sewer (Taber north) . . . . .	249 26	122 49	371 75
Eustis ave. sewer (W. W. rd. south) . . . . .	484 82	164 64	649 46
Fenner avenue . . . . .	243 94	87 61	331 55
Fowler avenue . . . . .	74 65	16 03	90 68
Friendship street . . . . .	144 61	22 88	167 49
G bbs avenue . . . . .	488 89	165 07	653 96
Kay street . . . . .	396 88	102 58	499 46
Ledyard place . . . . .	177 35	47 59	224 94
Powel avenue . . . . .	75 01	24 60	99 61
Robinson street . . . . .	128 75	27 74	156 49
Taber street . . . . .	393 54	107 25	500 79
Water Works road sewer	193 68	66 47	260 15
Whitwell avenue sewer..	389 73	150 48	540 21
Sewerage pumping station, including sewerage tank, pump house, inlet pipe, electric pumps, installa- tion, etc. . . . .	3,690 86	4,170 20	7,861 06
Discharge pipe . . . . .	362 99	519 78	882 77
Grading & planting hedge	58 03	98 35	156 38
Miscellaneous tools, etc..		61 34	61 34
Sewerage pumping station:			
Electricity . . . . .		112 32	112 32
Light . . . . .		90	90

\$54,705 49	\$10,008 76	\$64,714 25
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**Public Highways and Bridges:**

<b>6.0</b>	Supervision . . . . .	\$2,663 20	\$483 96	\$3,147 16
<b>6.2</b>	Street repairs:			
	General repairs to streets	1,965 65	660 09	2,625 74
	General repairs to side-walks . . . . .	1,012 77	187 65	1,200 42
	Annandale road . . . . .	489 95	101 96	591 91
	Bath road . . . . .	467 98	98 20	566 18
	Bedlow avenue . . . . .	48 36	10 33	58 69
	Bellevue avenue . . . . .	796 35	228 66	1,025 01
	Broadway . . . . .	837 75	189 86	1,027 61
	Farewell street . . . . .	87 78	18 21	105 99
	Gibbs avenue . . . . .	82 96	22 98	105 94
	Harrison avenue. . . . .	198 07	37 78	235 85
	Jeffery road . . . . .	19 86	4 61	24 47
	Ledge road . . . . .	67 21	13 66	80 87
	Marlborough street . . . .	186 97	39 60	226 57
	Narragansett avenue . . . .	174 08	33 19	207 27
	Ocean avenue . . . . .	364 87	85 94	450 81
	Ridge road . . . . .	62 98	12 99	75 97
	Ruggles avenue . . . . .	235 03	48 42	283 45
	Third street . . . . .	230 21	49 08	279 29
	Thurston avenue . . . . .	64 85	13 72	78 57
	Crushed stone on hand..	520 90	117 97	638 87
	Remacadamized:			
	Kay st., R. I. av. to Bull st	1,090 22	215 41	1,305 63
	Rhode Island ave., Old Beach road south.....	269 94	55 39	325 33
	Touro st., Clark st., west	267 48	51 60	319 08
	Re-surfaced:			
	Annandale rd., East Bowery to Merton road....	641 43	133 49	774 92
	Bellevue av., Pelham-Bath road . . . . .	598 62	128 90	727 52
	Bowery st., King-Bellevue ave. . . . .	147 22	29 92	177 14
	Chapel st., DeBlois-Old Beach road . . . . .	349 74	75 43	425 17
	Francis street . . . . .	332 57	65 58	398 15
	Freebody st., Merton E. Bowery street . . . . .	596 69	124 96	721 65
	Kay st., Gibbs ave.-Powel avenue . . . . .	223 42	45 91	269 33

## REPORT OF STREET COMMISSIONER

Old Beach rd, Bellevue- Red Cross . . . . .	196 56	41 12	237 68
Perry st., Grant to Spring street . . . . .	113 83	24 24	138 07
Second st., Van Zandt north . . . . .	145 75	153 04	298 79
Third st., Walnut to Bridge street . . . . .	473 04	97 52	570 56
Tilden avenue . . . . .	321 22	63 95	385 17
Touro st., Kay st., west..	174 84	35 58	210 42
Van Zandt ave., Malbone- Farewell . . . . .	2,087 95	432 29	2,520 24
Vernon av., Broadway east	179 31	38 80	218 11
William street . . . . .	404 11	85 08	489 19
Permanent Pavements:			
Coggeshall avenue, tarvia	119 65	63 25	182 90
Broadway, bitulithic . . .	521 95	182 52	704 47
Spring street, bitulithic.	610 80	247 62	858 42
Sidewalks:			
Carroll avenue . . . . .	124 50	.....	124 50
Franklin street . . . . .	33 52	13 63	47 15
Green street . . . . .	12 56	1 70	14 26
Mill street . . . . .	47 32	4 53	51 85
Narragansett ave. (Hole estate) . . . . .	9 38	.....	9 38
Pelham street . . . . .	14 00	1 19	15 19
Touro street . . . . .	79 09	9 51	88 60
Reset Curb:			
Ayrault street . . . . .	91 37	12 04	103 41
Bellevue ave. at DeHaute- ville's . . . . .	27 79	6 31	34 10
Bellevue ave. at Bailey's Beach . . . . .	27 12	3 26	30 38
Bliss road . . . . .	105 76	13 98	119 74
Bradford avenue . . . . .	57 08	12 01	69 09
Broadway at school bldgs	7 59	32	7 82
Channing street . . . . .	88 13	9 12	97 25
Connection street . . . . .	5 25	.....	5 25
Congdon avenue . . . . .	14 87	2 88	17 75
Corne street . . . . .	104 32	7 61	111 93
Dixon street . . . . .	10 38	.....	10 38
East Bowery street . . . .	67 47	8 30	75 77
Farewell st. at Army & Navy Y M C A . . . . .	9 35	78	10 13

# REPORT OF STREET COMMISSIONER

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Friendship st. at Sterne estate . . . . .	2 62	1 98	4 60
Friendship street . . . . .	76 88	9 57	86 45
Gibbs avenue . . . . .	28 57	54	29 11
Halsey street . . . . .	175 66	19 55	195 21
Hope street . . . . .	195 01	15 37	210 38
Lee avenue . . . . .	14 49	2 54	17 03
Mill street . . . . .	359 42	22 41	381 83
Perry street . . . . .	23 26	1 31	24 57
Pleasant street . . . . .	157 88	22 85	180 73
Powel avenue . . . . .	65 37	11 02	76 39
Prescott Hall road . . . .	311 94	65 60	377 54
Spring st., east side, Perry st. south . . . . .	202 37	10 91	213 28
William street . . . . .	15 75	.....	15 75
Carroll ave., corner curb, Reset curb, etc., curb and cement on hand . . . . .	43 25	12 26	55 51
	.....	219 65	219 65
Gutters:			
Clinton ave., north side..	59 25	.....	59 25
Thurston ave., north side	59 25	.....	59 25
Gidley st., flag and gutter	55 15	7 20	62 35
Gutters relaid . . . . .	162 57	21 67	184 24
Crossings:			
W. Broadway at Gould st	52 62	28 26	80 88
Ruggles ave. at Bellevue ave. . . . .	41 96	21 92	63 88
Relay crossings . . . . .	620 54	102 13	722 67
Relay driveways . . . . .	44 08	10 00	54 08
Washington square paving at Fountain . . . . .	43 71	63 81	107 52
Sea Wall repairs:			
Battery street . . . . .	13 09	2 45	15 54
Wellington avenue . . . .	5 28	10 10	15 38
City Yard building repairs...	35 76	106 04	141 80
New extra Crusher parts...	.....	445 32	445 33
6.3-4-5 Construction:			
Land damages . . . . .	16 40	.....	16 40
Bellevue av., Kay to Downing, telford macadam..	2,307 74	484 92	2,792 66
Sea wall, Ocean ave. . . .	1,662 20	331 97	1,994 17
Wellington av. wall (complete) . . . . .	171 36	28 33	199 69

## REPORT OF STREET COMMISSIONER

Ashhurst place curb, etc, (unfinished) . . . . .	.....	257 00	257 00
Byrnes st. curb, west side and macadamized . . . .	580 48	451 21	1,031 69
Coddington st. curb, south side . . . . .	199 93	205 88	405 81
Coddington whf, curb and macadam . . . . .	880 37	827 21	1,707 58
Edgar ct., curb east side, curb west side to Swin- burne est. and macad- amized . . . . .	1,335 79	992 62	2,328 41
Freebody st., curb west side from Martin est. to a point opp. Weaver av.	360 50	518 78	879 28
Gibbs ave., between Wa- ter Works rd. & Friend- ship pl., macadam. . . .	1,417 80	1,079 09	2,496 89
McAllister st., curb north side, flagwalk on south side and macadamized.	1,042 59	181 73	1,224 32
Second st. between Syc- amore and Cypress st., curb and macadamize..	705 12	841 96	1,547 08
Second st. between Van Zandt and Sycamore st., curb west side and mac- adamize . . . . .	219 10	244 76	463 86
Sheffield av., macadamize	1,129 81	191 70	1,321 51
West Pelham st., curb south side . . . . .	210 13	265 96	476 09
New st. between West Narragansett av. and Wellington av., macad- amize . . . . .	1,549 73	234 62	1,784 35
Wellington ave. widening, Telford macadamize ..	365 93	79 25	445 18
Granolithic sidewalks:			
Ayrault st. north side, from Kay st. to Francis st..'	287 00	188 73	475 73
Bath rd., south side from Cliff av. to Cliff Walk..	625 56	272 03	897 59
Broadway, east side, from City Hall north. . . . .	202 05	80 12	282 17

# REPORT OF STREET COMMISSIONER

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Burnside ave., north side.	347 47	179 25	526 72
Carroll av., west side from Thames st. to Harrison av. (5 ft. wide).....	456 91	209 36	666 27
Clinton av., north side (4 ft. wide) . . . . .	500 88	179 05	679 93
Connection st., north side	785 80	425 83	1,211 63
Dixon st., south side, from Spring to Thames st. . . . .	462 75	218 93	681 68
East Bowery st., south side, from Middleton to Bellevue av. (5 ft. wide)	846 97	329 08	1,176 05
Friendship st., north side, from Broadway to Brad- ford ave. . . . .	383 87	139 25	523 12
Lincoln st., west side....	216 06	143 31	359 37
Oak st., south side.....	97 16	58 07	155 23
Old Beach rd., north side from Cottage st. to Greenough Place . . . .	279 39	147 92	427 31
Perry street, north side, from Spring st. to Powel estate . . . . .	195 02	92 66	287 68
William st., north side ..	481 51	233 82	715 33
Webster st., north side, be- tween Thames and Spring st. . . . .	180 62	76 94	257 56
565 98	293 41	859 39	
West Pelham st., south side . . . . .	101 54	87 76	189 30
6.6 Snow removal . . . . .	1,556 17	315 44	1,871 61
6.8 Street sprinkling:			
Watering, repairs . . . . .	901 98	449 55	1,351 53
Watering, applying . . . . .	7,659 17	282 16	7,941 33
Dustoline, applying . . . . .	192 90	2,644 63	2,837 53
Dustoline on hand . . . . .	.....	179 98	179 98
Standard Oil, applying ..	.....	705 54	705 54
Headley Emulsion Oil, ap- plying . . . . .	1 70	10 78	12 48
6.9 Bridge repairs:			
Bedlow avenue . . . . .	14 27	9 21	23 48
Girard avenue . . . . .	5 16	9 30	14 46
Green Bridge, Ocean ave.	24 75	2 40	27 15

## REPORT OF STREET COMMISSIONER

Van Zandt avenue .....	1 38	160 98	162 36
	<hr/>	<hr/>	<hr/>
	\$55,775 61	\$21,534 58	\$77,310 19

**Public Recreations:**

9.5 Easton's Beach, clean roadway, etc. ....	\$391 30	\$5 71	\$397 01
Forty Steps, repairs.....	491 53	282 16	773 69
City Piers, etc., repairs, Van Zandt avenue.....	2 07	1 38	3 45
Battery Park, bath houses .....		8 63	8 69
	<hr/>	<hr/>	<hr/>
	\$884 90	\$297 94	\$1,182 84

**Public Recreations:****Miscellaneous:**

9.7 City fountains, clean and repair .....	\$104 33	\$45 64	\$149 97
Touro Park West, install fountain .....	50 85	21 12	71 97
Tree preservation .....	224 35	74 62	298 97
	<hr/>	<hr/>	<hr/>
	\$379 53	\$141 38	\$520 91

**Public Docks and Wharves:**

10.7 City Wharf .....	\$715 50	\$104 77	\$820 27
City Floats .....	4 12	26 80	30 92
	<hr/>	<hr/>	<hr/>
	\$719 62	\$131 57	\$851 19

**Summary:**

Public Weights and Meas- ures .....	\$13 26	\$31 86	\$45 12
Public Safety .....	83	10 07	10 90
Public Sanitation .....	54,705 49	10,008 76	64,714 25
Public Highways and Bridges .....	55,775 61	21,534 58	77,310 19
Public Recreations .....	884 90	297 94	1,182 84
Public Recreations, Miscel	379 53	141 38	520 91
Public Docks & Wharves	719 62	131 57	851 19
	<hr/>	<hr/>	<hr/>
	\$112,479 24	\$32,156 16	\$144,635 40



**DETAIL OF EXPENDITURES OF THE DEPARTMENT OF HIGH-  
WAYS AND BRIDGES FOR THE MUNICIPAL  
YEAR OF 1911.  
PUBLIC WEIGHTS AND MEASURES.**

**March.**

1	City Sealer, testing scales.....	\$1 00
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**April.**

2	George H. Carr, scale books .....	2 50
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**July.**

3	The Fairbanks Company, examining and esti- mating on wagon scales .....	\$10 60
4	George H. Carr, scale books.....	3 00
		<hr/>
		\$13 60

**August.**

5	City Sealer, testing scales.....	\$1 00
---	----------------------------------	--------

**September.**

6	The Fairbanks Company, butt lever for scales. . . . .	\$15 56
7	Highways and Bridges, express.....	60
8	City Sealer, testing scales.....	1 50
	Pay Rolls. . . . .	1 38
		<hr/>
		\$19 04

**October.**

	Pay Rolls. . . . .	\$1 38
--	--------------------	--------

**November.**

9	Simon Hart, scale books.....	\$2 50
10	Highways and Bridges, express.....	60
		<hr/>
		\$3 10

**December.**

11	Simon Hart, scale books.....	\$2 50
12	City Sealer, testing scales.....	1 00
		<hr/>
		\$3 50
		<hr/>
		\$45 12

## REPORT OF STREET COMMISSIONER

## PUBLIC SAFETY.

## July.

1	W. M. Harris & Company, rough hard pine.....	\$8 96
2	Highways and Bridges, freight.....	72
	Pay Roll.....	63
		<hr/>
		\$10 31

## PUBLIC SANITATION.

## January.

1	S. W. Coggeshall, scoop shovels.....	\$4 20
2	James J. Dugan, refuse disposal, contract.....	405 65
3	S. W. Coggeshall, fork.....	1 00
4	George A. Weaver Company, fork.....	1 15
5	James S. Ramlose, rubber boots, etc. ....	15 20
6	Robert S. Gash, rubber boots.....	12 00
7	Wm. B. Scott & Company, lantern globes.....	50
8	J. Stacy Brown, ledge stone.....	66
9	J. K. Sullivan, gravel.....	70
10	James P. Taylor, oil coat.....	1 00
11	Alexander J. Fludder, pipe.....	22 32
12	J. K. Sullivan, gravel.....	21
	Fay Rolls.....	1,840 37
		<hr/>
		\$2,304 96

## February.

13	Ward Printing Company, printing.....	\$7 50
14	John Gladding, Jr., printing.....	2 75
15	George H. Chase, blue prints.....	85
16	H. L. Marsh & Company, bag.....	25
17	James J. Dugan, refuse disposal, contract.....	405 65
18	Newport Foundry & Machine Corp., labor on gear.....	25
19	Charles S. Goddard, repairing casting.....	75
20	J. K. Sullivan, gravel.....	21
21	George A. Weaver Company, key blanks.....	25
22	Alexander J. Fludder, pipe.....	33 17
23	J. M. K. Southwick, explosives.....	5 64
24	J. K. Sullivan, gravel.....	09
25	D. J. Sullivan, tool repairs.....	4 50
	Pay Rolls.....	735 04
		<hr/>
		\$3,501 86

# REPORT OF STREET COMMISSIONER

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## March.

26	Spaulding Print Paper Company, Vandyke prints..	\$4 55
27	Harry L. DeBlois, street hose.....	18 00
28	Charles S. Goddard, repair braces.....	1 00
29	Wm. K. Covell, repair watering pot.....	87
30	James J. Dugan, refuse disposal, contract . . . . .	405 65
31	J. K. Sullivan, towing scow.....	55 00
32	Pinniger & Manchester, use barge.....	50 00
33	James S. Ramlose, rubber boots, etc. . . . .	13 90
34	Robert S. Gash, rubber boots . . . . .	12 00
35	T. Mumford Seabury, rubber boots.....	10 00
36	James P. Taylor, oil suits.....	12 00
37	Perry Coal Company, fuel.....	8 07
38	J. M. K. Southwick, oakum.....	70
39	Newport Foundry & Machine Corp., gaskets.....	60
40	A. & H. G. Hammett, lumber, etc. . . . .	19 38
41	Charles S. Goddard, repairing sewer gates.....	2 00
42	A. & H. G. Hammett, spruce.....	3 84
43	J. K. Sullivan, gravel.....	97
44	Charles S. Goddard, sharpening picks.....	90
	Pay Rolls. . . . .	1,892 72

\$6,014 01

## April.

45	Ward Printing Company, printing.....	\$7 50
46	George A. Weaver Company, pails, etc. . . . .	2 25
47	Wm. B. Scott & Company, brooms, etc. . . . .	47 00
48	James J. Dugan, refuse disposal, contract.....	405 65
49	S. W. Coggeshall, steel rakes.....	60
50	J. K. Sullivan, gravel.....	39
51	John M. Friend, brick.....	5 00
52	Charles S. Goddard, tool repairs.....	40
53	John M. Friend, brick.....	5 00
54	J. K. Sullivan, gravel.....	63
55	Charles S. Goddard, tool repairs.....	1 65
56	John M. Friend, brick, etc. . . . .	5 66
57	J. K. Sullivan, gravel.....	1 04
58	Charles S. Goddard, tool repairs.....	1 20
59	Darling & Slade, brick.....	2 50
60	J. K. Sullivan, gravel.....	38
61	A. & H. G. Hammett, spruce.....	99
62	Charles S. Goddard, tool repairs.....	70
63	J. K. Sullivan, gravel.....	59

## REPORT OF STREET COMMISSIONER

74	Ferrin, Seamans & Company, lanterns and globes.	29	25
43	N. Y. N. H. & H. R. R. Co., freight.....		34
	Pay Rolls .....	3,872	61
		<hr/>	
		\$10.40	34

## May.

66	Newport Paper & Grocery Company, oatmeal.....	\$-2	0
67	Wm. B. Scott & Company, tools, etc. ....	5	3
68	James J. Dugan, refuse disposal, contract.....	40	5
69	M. F. Shea, oak block.....		
70	John M. Friend, brick.....	1	33
71	J. T. O'Connell, rope.....		
72	A. & H. G. Hammett, lumber.....	4	
73	Charles S. Goddard, tool repairs.....	1	0
74	George A. Weaver Company, shovels.....	5	
75	J. K. Sullivan, gravel.....	2	
	Pay Rolls .....	5,968	
		<hr/>	
		\$16,822	

## June.

76	George H. Carr, office supplies.....	\$3	9
77	Harry L. DeBleis, street hose.....	19	0
78	H. L. Marsh & Company, bag.....		2
79	Wm. B. Scott & Company, brooms, etc.....	96	35
80	James J. Dugan, refuse disposal, contract.....	405	65
81	James S. Ramlose, repairing rubber boots .....	2	75
82	M. F. Shea, cart body, etc.....	15	00
83	Charles S. Goddard, iron on pails.....	2	00
84	N. Y. N. H. & H. R. R. Co., freight.....	5	25
85	J. K. Sullivan, gravel .....		03
86	John M. Friend, brick, etc. ....	10	45
87	J. K. Sullivan, gravel .....		94
88	Charles S. Goddard, tool repairs.....	6	44
	Pay Rolls .....	4,701	28
		<hr/>	
		\$22,090	59

## July.

89	Mercad Printing Company, advertising.....	\$4	71
90	T. T. Morgan & Co., advertising. ....	5	30
91	Ward Printing Company, printing .....	5	00
92	Newport Paper & Grocery Company, oatmeal....	4	00
93	Emulphor Chemical Company, weed killer.....	25	25

# REPORT OF STREET COMMISSIONER

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94	New England Navigation Company, freight.....	81
95	George A. Weaver Company, rake, etc. ....	1 35
96	Wm. K. Covell, watering pot.....	1 50
97	James J. Dugan, refuse disposal, contract.....	405 65
98	P. F. McDonald, sanitary cart.....	298 00
99	N. Y., N. H. & H. R. R. Co., freight.....	19 98
100	P. F. McDonald, tank.....	110 00
101	T. Mumford Seabury Company, rubber boots.....	5 00
102	George A. Weaver Company, pails.....	1 50
103	A. & H. G. Hammett, brick.....	5 00
104	Alexander J. Fludder, iron grate and frame.....	5 00
105	John M. Friend, pipe.....	1 00
106	Charles S. Goddard, tool repairs .....	3 00
107	J. K. Sullivan, gravel.....	2 92
108	John M. Friend, brick.....	13 50
109	George A. Weaver Co., wheelbarrows, etc.....	15 50
110	George G. Popple, rubber boots.....	27 00
	Fay Rolls. . . . .	5,073 97

\$28,126 53

## August.

111	Newport Paper & Grocery Company, oatmeal.....	\$4 25
112	George A. Weaver Company, brass tags.....	50
113	S. W. Coggeshall, scoop shovel.....	1 50
114	George A. Weaver Company, scoop shovel.....	1 75
115	James J. Dugan, refuse disposal, contract.....	405 65
116	Boston Woven Hose & Rubber Co., hose, etc. ....	31 00
117	N. Y., N. H. & H. R. R. Co., freight.....	25
118	Boston & Lockport Block Company, diaphragms..	12 00
119	Highways and Bridges, express.....	40
120	N. Y., N. H. & H. R. R. Co., freight.....	1 40
121	Charles S. Goddard, neck yoke and irons.....	3 50
122	M. F. Shea, tires, etc. ....	8 75
123	Wm. B. Scott & Company, pail.....	85
124	A. & H. G. Hammett, brick .....	5 00
125	John M. Friend, pipe.....	49 50
126	Perry Coal Company, fuel.....	38 68
127	George A. Weaver Company, wheelbarrows, etc. . .	20 90
128	John M. Friend, brick, etc. ....	254 35
129	John Gillies, damproofing sewerage tank.....	240 02
130	Charles S. Goddard, tool repairs, etc. ....	4 60
131	Fuller Iron Works, manhole covers and rims.....	54 00
132	Highways and Bridges, freight.....	2 51

## REPORT OF STREET COMMISSIONER

133	A. & H. G. Hammett, lumber.....
134	S. W. Coggeshall, shovels, etc. ....
135	T. B. Connolly, heavy iron pipe.....
136	J. T. O'Connell, oakum. ....
137	J. K. Sullivan, gravel.....
138	J. Stacy Brown, stone.....
139	N. Y., N. H. & H. R. R. Co., freight.....
	Pay Rolls. ....

11 33

20 80

361 3

6 1

53 5

3 8

5 2

6,711 9

\$36,435 52

## September.

140	George H. Carr, profile paper.....
141	Wm. B. Scott & Company, brooms, etc. ....
142	James J. Dugan, refuse disposal, contract.....
143	Boston & Lockport Block Company, diaphragms..
144	Highways and Bridges, express.....
145	J. D. Johnston, oak and milling.....
146	J. K. Sullivan, gravel. ....
147	J. Stacy Brown, ledge stone.....
148	James P. Taylor, oil hat.....
149	George A. Weaver Company, pa'ss, etc. ....
150	J. K. Sullivan, gravel.....
151	John M. Friend, brick.....
152	J. K. Sullivan, gravel.....
153	John M. Friend, brick, etc. ....
154	Charles S. Goddard, tool repairs . ....
155	John M. Friend, brick.....
156	J. K. Sullivan, gravel.....
157	Providence Steel & Iron Company, iron beams...
158	John Gillies, damproofing settling tank.....
159	A. & H. G. Hammett, lumber.....
160	Wm. B. Scott & Company, fence, etc. ....
161	S. W. Coggeshall, nails.....
162	J. D. Johnston, lumber, etc. ....
163	Max David, steel plate.....
164	George A. Weaver Company, oil can.....
165	M. F. Shea, bolts.....
166	C. E. Clarke, filing saw.....
167	Perry Coal Company, fuel . ....
168	John M. Friend, brick, etc. ....
169	J. K. Sullivan, gravel.....
170	John M. Friend, brick.....
171	J. Stacy Brown, stone.....

\$1 40

44 50

405 63

12 00

40 4

80 8

30 3

0 0

50 50

6 80

12 12

1 80

1 13

9 50

1 13

1 80

60

145 15

113 30

95 38

13 25

3 40

30 49

1 75

50

1 40

25

15 60

102 20

25 16

6 30

77

## REPORT OF STREET COMMISSIONER

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172	Charles S. Goddard, tool repairs.....	2 60
	Pay Rolls. . . . .	5,870 81
		<hr/>
		\$43,353 82

## October.

173	Lynch Brothers, repairing valve, etc. ....	2 20
174	Harry L. DeBlois, street hoes.....	12 00
175	S. W. Coggeshall, rakes, etc. ....	2 50
176	James J. Dugan, refuse disposal, contract.....	405 65
177	James S. Ramlose, rubber boots and reps. ....	20 50
178	George A. Weaver Company, brooms.....	1 50
179	J. T. O'Connell, manila rope . . . . .	1 32
180	Perry Coal Company, fuel.....	20 80
181	J. K. Sullivan, gravel.....	5 15
182	Ralph R. Barker, paint, etc. ....	3 17
183	Wm. F. Gratrix, sponge.....	1 00
184	Kerr & Beeson, labor carpenter.....	67 20
185	Charles S. Goddard, making chisels.....	2 00
186	John M. Friend, pipe and brick.....	142 68
187	J. D. Johnston, lumber, etc. ....	15 98
188	George A. Weaver Company, hinges, etc. ....	14 88
189	Barker Building & Realty Company, privet.....	93 30
190	S. W. Coggeshall, shovels.....	13 75
	Pay Rolls. . . . .	5,529 44
		<hr/>
		\$49,708 84

## November.

191	The T. T. Pitman Corp., advertising.....	\$6 75
192	Herald Publishing Company, advertising.....	6 75
193	Quigley Taxi Company, auto service.....	6 00
194	Simon Hart, rubber stamp.....	90
195	Wm. B. Scott & Company, brooms.....	42 00
196	H. L. Marsh & Company, bag.....	25
197	Charles S. Goddard, tool repairs.....	60
198	Wm. K. Covell, watering pot.....	1 00
199	James J. Dugan, refuse disposal, contract.....	405 65
200	Wm. B. Scott & Company, fork.....	1 00
201	John M. Friend, sewer pipe. . . . .	50
202	John M. Friend, pipe. . . . .	1 20
203	A. & H. G. Hammett, brick.....	3 00
204	John M. Friend, pipe.....	4 30
205	J. K. Sullivan, gravel.....	15

## REPORT OF STREET COMMISSIONER

206	Scannevin & Potter, contract, electric pumps, etc.	2,290	56
207	Wm. B. Scott & Company, wrenches, etc. ....	6	90
208	Kerr & Beeson, lumber, etc. ....	113	62
209	M. F. Shea, iron frames, bolts, etc. ....	65	30
210	American Diamond Blast Co., hydrolithic cement.	20	70
211	Perry Coal Company, fuel.....	22	88
212	S. W. Coggeshall, netting and tacks.....		39
213	J. K. Sullivan, gravel.....		15
214	General Fire Extinguisher Co., check valve.....	15	00
215	George A. Weaver Company, lawn seed, etc.....		85
216	Highways and Bridges, cement, freight, etc. ....	15	10
217	Newport Water Works, pipe, lead, etc. ....	6	98
218	The Bay State Street Railway Co., electricity....	5	77
	Pay Rolls. ....	3,67	30
		<b>\$56,54</b>	<b>39</b>

## December.

219	C. A. Manchester, oatmeal.....	\$	25
220	Wm. B. Scott & Company, brooms.....	42	00
221	S. W. Coggeshall, scoop shovel.....	1	15
222	Wm. K. Covell, repair watering pot.....		85
223	James J. Dugan, refuse disposal, contract.....	661	00
224	J. K. Sullivan, use of tug and lighter.....	40	0
225	T. Mumford Seabury Company, rubber boots....	6	0
226	S. W. Coggeshall, wrench and oiler.....	6	
227	Boston & Lockport Block Company, hose, etc....	42	0
228	Ralph R. Barker, paint, etc. ....	5	8
229	J. D. Johnston, lumber.....	6	65
230	Wm. B. Scott & Company, floor oil, etc. ....	2	25
231	Charles S. Goddard, tool repairs.....	1	00
232	Highways and Bridges, express.....	1	00
233	Newport Gas Light Company, iron pipe.....	83	25
234	Bay State Street Railway Company, electricity.	54	45
	Pay Rolls. ....	1,684	11
	Half of Street Commissioner's salary (assumed).	750	00
		<b>\$59,924</b>	<b>33</b>

## PUBLIC HIGHWAYS AND BRIDGES.

## January.

1	C. A. Hilcken, binding annual reports.....	\$1	00
2	The Birmingham Pen Company, pens, etc. ....	2	65
3	William P. Clarke, ink.....	1	00



## REPORT OF STREET COMMISSIONER

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4	Municipal Journal, subscription.....	3 00
5	George A. Weaver Company, hooks . . . . .	20
6	Simon Hart, office supplies.....	5 20
7	George H. Carr, office supplies.....	2 55
8	Highways and Bridges, stamps.....	2 00
9	J. Stacy Brown, stone.....	9 05
10	J. K. Sullivan, gravel.....	03
1	J. K. Sullivan, gravel.....	12
	Ralph R. Barker, glass, etc. . . . .	33
	J. K. Sullivan, gravel.....	17 72
	George A. Weaver Company, hack saws.....	65
	Studebaker Bros. Company, of New York, rubber hose, etc. . . . .	63 70
	Harold L. Bond Company, files, etc. . . . .	13 14
	Philip F. Conroy, nipples, etc. . . . .	1 62
	The Peckham Company, princess metallic.....	30
	M. F. Shea, tires.....	18 00
	Phineas C. Clark, cart repairs.....	49 85
	Charles S. Goddard, cart repairs.....	27 65
	Ralph R. Barker, brushes, etc. . . . .	12 72
	Highways and Bridges, express.....	1 75
	Pay Rolls. . . . .	918 99
		<hr/>
		\$1,153 22

## February.

24	Providence Telephone Company, telephone service	\$7 50
25	T. T. Pitman Corp., advertising.....	2 25
26	Herald Publishing Company, advertising.....	2 50
27	Kee Lox Manufacturing Co., manuscript covers..	1 00
28	Ward Printing Company, printing.....	8 00
29	John Gladding, Jr., printing.....	6 75
30	Simon Hart, office supplies.....	6 25
31	S. T. H. Allman, pencils.....	1 00
32	A. & H. G. Hammett, lumber, etc. . . . .	4 07
33	Ralph R. Barker, glass.....	20
34	J. K. Sullivan, gravel.....	15 94
35	Charles S. Goddard, tool repairs.....	1 20
36	Studebaker Bros. Co. of New York, gears.....	8 96
37	Highways and Bridges, express.....	1 35
38	George A. Weaver Company, wrench, etc. . . . .	53
39	Ralph R. Barker, paint.....	5 55
40	Wright Brothers, paint, etc. . . . .	8 05
41	J. D. Johnston, lumber and milling.....	4 65

## REPORT OF STREET COMMISSIONER

42	M. F. Shea, tires, etc. ....	26 00
43	Charles S. Goddard, cart repairs.....	4 60
	Pay Rolls. . . . .	1,483 95
		<hr/>
		\$2,753 52

## March.

44	J. B. Parsonage & Son, commissioner's bond.....	\$1 2 5
45	John M. Taylor, City Treasurer, stamped envelopes	1 0 4
46	Ward Printing Company, printing.....	6
47	The Milne Printery Company, printing.....	5
48	Herald Publishing Company, advertising.....	2
49	T. T. Pitman Corp., advertising.....	2
50	George H. Carr, office supplies.....	3
51	George H. Chase, ink. . . . .	
52	H. D. Sullivan, envelope sealer.....	2
53	J. Stacy Brown, stone.....	7
54	S. W. Coggeshall, shovels.....	27
55	Wm. B. Scott & Company, shovels.....	13
56	A. & H. G. Hammett, nails.....	2
57	George A. Weaver Company, padlock and key....	
58	Edgar Allan American Mag. Steel Co., crusher parts. . . . .	167
59	Allis-Chalmers Company, crusher parts.....	93
60	N. Y., N. H. & H. R. R. Co., freights.....	8
61	Highways and Bridges, express.....	1
62	J. K. Sullivan, gravel.....	17 70
62	J. K. Sullivan, gravel . . . . .	17 70
63	Perry Coal Company, fuel . . . . .	13 70
64	Phineas C. Clark, cart repairs.....	7 85
65	Charles S. Goddard, cart repairs.....	1 00
66	Studebaker Bros. Co. of New York, springs.....	4 80
67	F. E. Fitts Manufacturing & Supply Co., packing.	12 63
68	George A. Weaver Company, hammer handle.....	10
69	Wm. B. Scott & Company, gasoline.....	20
70	Highways and Bridges, express.....	80
	Pay Rolls. . . . .	408 62
		<hr/>
		\$3,587 77

## April.

71	George H. Carr, office supplies . . . . .	\$2 21
72	Samuel T. H. Ailman, office supplies.....	7 15
73	L. C. Smith & Bros. Typewriter Co., carbon.....	3 00

# REPORT OF STREET COMMISSIONER

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74	Highways and Bridges, postage.....	2 00
75	D. J. Sullivan, tool repairs.....	1 00
76	John H. Sullivan, cartage crushed stone.....	110 27
77	J. Stacy Brown, stone. . . . .	23 98
78	J. K. Sullivan, gravel. . . . .	68 62
79	J. T. O'Connell, twine. . . . .	35
80	S. W. Coggeshall, saw, etc. . . . .	2 52
81	Wm. B. Scott & Company, padlocks, etc. . . . .	2 00
82	The Peckham Company, shovels.....	10 75
83	Charles S. Goddard, tool repairs.....	50
	George A. Weaver, tools, etc. . . . .	12 01
	George A. Weaver Company, sand paper.....	45
	Wm. B. Scott & Company, floor nails.....	40
	A. & H. G. Hammett, lumber.....	9 00
	A. & H. G. Hammett, lumber.....	96
	John H. Sullivan, cartage crushed stone.....	255 86
	J. Stacy Brown, stone.....	65 41
	Charles S. Goddard, tool repairs.....	1 95
	Charles S. Goddard, tool repairs.....	1 25
	James H. Hart, water spout.....	3 00
	Pay Rolls. . . . .	1,994 61

\$6,167 02

## May.

94	Ward Printing Company, printing.....	\$3 50
95	Wm. P. Clarke, envelopes.....	1 25
96	Simon Hart, office supplies.....	3 30
97	Providence Telephone Co., service and toll call..	7 70
98	Herald Publishing Company, advertising.....	2 00
99	T. T. Pitman Corp., advertising.....	2 00
100	J. Stacy Brown, stone.....	109 51
101	John H. Sullivan, cartage crushed stone.....	731 14
102	Perry Coal Company, fuel.....	9 75
103	J. P. Cotton, granite culls.....	33 82
104	J. K. Sullivan, gravel. . . . .	86 43
105	Wm. B. Scott & Company, brooms, etc. . . . .	2 00
106	A. & H. G. Hammett, shovels, etc. . . . .	12 28
107	George A. Weaver Company, pails, etc. . . . .	4 62
108	M. F. Shea, tool repairs.....	1 70
109	Jacob Mohr, tool repairs.....	2 88
110	Charles S. Goddard, tool repairs.....	1 85
111	N. Y., N. H. & H. R. R. Co., freight.....	13 20
112	A. & H. G. Hammett, lumber.....	3 21

## REPORT OF STREET COMMISSIONER

113	Edgar Allen, American Mang. Steel Co., crusher parts .....	175	00
114	J. Stacy Brown, crushed stone.....		36
115	J. K. Sullivan, gravel .....	1	17
116	J. Stacy Brown, stone .....	41	61
117	John H. Sullivan, cartage crushed stone.....	158	12
118	Charles S. Goddard, tool repairs.....		90
119	J. Stacy Brown, stone.....		46
120	A. & H. G. Hammett, lumber.....		99
121	J. K. Sullivan, gravel.....	3	61
122	The Peckham Company, shovels, etc. ....	12	25
123	J. D. Johnston, straight edges.....	1	70
124	George A. Weaver Company, wheelbarrows, etc..	51	00
125	Wm. B. Scott & Company, hose.....	24	00
126	Charles S. Goddard, iron lantern pins.....	12	00
127	S. W. Coggeshall, hose.....	22	00
128	Harold L. Bond Company, indentation rollers.....	11	20
129	Highways and Bridges, express.....		30
130	J. T. O'Connell, cotton twine.....		44
131	D. J. Sullivan, tool repairs.....	1	85
132	Daniel J. Sullivan, tool repairs.....		80
133	John S. Lamson, Jr., dustoline.....	945	62
134	N. Y., N. H. & H. R. R. Co., freight.....	1	00
135	Perry Coal Company, fuel.....	9	29
136	T. Mumford Seabury Co., rubber boots .....	5	00
137	Oliver R. Braman, leather hose.....	1	50
138	A. & H. G. Hammett, lumber.....	3	58
139	Phillip F. Conroy, repairs watering station.....	18	22
140	Lynch Brothers, repairs watering station .....	<u>2</u>	50
141	M. F. Shea, repairs watering station.....	3	00
142	Walworth Manufacturing Co., reps. watering station. ....		26
143	Wright Brothers, paint, etc. ....	15	25
144	Barker Brothers & Co., pipe.....	5	70
145	Charles J. Beattie, repairs watering station.....	75	00
146	A. & H. G. Hammett, posts.....	2	40
	Pay Rolls .....	5,325	90
		<hr/>	
		\$14,136-	14

## June.

147	Ward Printing Company, printing.....	\$3	00
148	Remington Ward, printing. ....	2	50
149	Kee Lox Manufacturing Co., typewriter ribbons..	4	50

150	Barker Brothers & Co., gas tubes.....	2 17
51	Vacuum House Cleaning Co., cleaning rugs . . . .	75
52	J. Stacy Brown, stone . . . . .	121 89
3	John H. Sullivan, cartage crushed stone.....	806 88
4	J. K. Sullivan, gravel.....	11 17
5	M. F. Shea, tool repairs.....	1 50
	Charles S. Goddard, tool repairs.....	2 30
	Perry Coal Company, fuel.....	4 87
	George A. Weaver Company, iron bars, etc.....	5 37
	A. & H. G. Hammett, shovels, etc. . . . .	5 16
	Ralph R. Barker, lampblack.....	14
	Wm. B. Scott & Company, tools.....	4 66
	S. W. Coggeshall, shovels . . . . .	13 75
	Charles S. Goddard, tool repairs.....	1 48
	J. K. Sullivan, gravel.....	4 37
	Charles S. Goddard, tool repairs.....	4 18
	J. K. Sullivan, gravel.....	46 72
	Charles S. Goddard, tool repairs.....	30
	J. Stacy Brown, stone.....	1 02
	J. K. Sullivan, gravel.....	66 74
	J. Stacy Brown, stone.....	45
	J. K. Sullivan, gravel.....	31 07
	Joseph P. Cotton, stone dust . . . . .	9 32
	John F. Sullivan, stone dust.....	40 44
	J. K. Sullivan, gravel.....	97 27
	D. J. Sullivan & Co., weighing gravel.....	4 50
	Newport Gas Light Co., cinders.....	144 00
	N. Y., N. H. & H. R. R. Co., cinders.....	30 50
	J. Stacy Brown, stone.....	8 50
	Charles S. Goddard, tool repairs.....	30
	A. & H. G. Hammett, lumber and cartage.....	22 59
	J. D. Johnston, lumber and milling.....	2 65
	Ralph R. Barker, lampblack.....	22 68
	George A. Weaver Co., canvas covers, etc.....	20 50
	Norcross Brothers Co., lumber.....	30 57
	The Peckham Company, grub hoe and handle....	80
	Perry Coal Company, fuel.....	18 57
	Charles S. Goddard, whiffletree and staple.....	2 00
	The Dustoline for Roads Co., dustoline.....	923 13
	Wm. H. King, repair pump.....	75
	Jas. H. Hart, pipe, etc. . . . .	7 00
	Pay Rolls. . . . .	5,251 23

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\$21,921 38

July.

191	Simon Hart, office supplies.....	\$14	65
192	S. T. H. Ailman, office supplies.....	1	70
193	Newport Paper & Grocery Co., oatmeal.....	4	00
194	George H. Carr, paste.....		35
195	Sampson & Murdock Co., directory.....	2	00
196	Remington Ward, printing.....	4	50
197	Highways and Bridges, postage.....	2	00
198	J. Stacy Brown, stone.....	88	31
199	John H. Sullivan, cartage crushed stone.....	541	65
200	J. K. Sullivan, gravel.....	4	70
201	Charles S. Goddard, tool repairs.....	2	70
202	Perry Coal Company, fuel.....	12	18
203	Wm. B. Scott & Co., tape, etc.....	3	25
204	Downing Brothers, carron oil.....		50
205	Barrett Manufacturing Co., tarvia.....	92	70
206	N. Y. N. H. & H. R. R. Co., freight.....	12	30
207	Charles S. Goddard, tool repairs.....	1	70
208	J. K. Sullivan, gravel.....	2	09
209	Charles S. Goddard, tool repairs.....		50
210	J. K. Sullivan, gravel.....	73	88
211	Daniel J. Sullivan, tool repairs.....	1	05
212	J. K. Sullivan, gravel.....	83	09
213	D. J. Sullivan & Co., weighing gravel.....		40
214	Charles S. Goddard, tool repairs.....	1	00
215	J. K. Sullivan, gravel.....	27	10
216	J. Stacy Brown, stone.....	9	92
217	J. K. Sullivan, gravel.....	103	78
218	D. J. Sullivan & Co., weighing gravel.....	2	30
219	Daniel J. Sullivan, tool repairs.....	3	50
220	Charles S. Goddard, tool repairs.....	1	35
221	D. J. Sullivan, tool repairs.....	3	25
222	J. P. Cotton, stone dust.....	33	56
223	John F. Sullivan, stone dust.....	3	95
224	N. Y. N. H. & H. R. R. Co., cinders.....	22	50
225	J. K. Sullivan, old canvas.....	5	00
226	Perrin, Seamans & Co., red lanterns.....	1	00
227	N. Y. N. H. & H. R. R. Co., freight.....		25
228	A. & H. G. Hammett, furring.....	1	73
229	Ralph R. Bark, lampblack.....	15	40
230	Wm. B. Scott & Company, palis.....	2	50
231	George A. Weaver Co., hose menders, etc.....	1	83
232	J. M. K. Southwick, twine.....		94

# REPORT OF STREET COMMISSIONER

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S. W. Coggeshall, netting.....	40
Perry Coal Company, fuel.....	32 27
Henry H. Lawton, hose.....	1 75
Charles S. Goddard, shafts and reps. ....	6 50
S. B. Gladding, motor cycle reps. ....	8 95
J. R. Chase, motor cycle reps. ....	15 20
Lynch Brothers, rep. injector.....	4 65
The Dustoline for Roads Co., dustoline.....	481 33
N. Y., N. H. & H. R. R. Co., demurrage.....	2 00
A. & H. G. Hammett, lumber and spikes.....	6 40
Wm. B. Scott & Co., spikes.....	10
Pay Rolls .....	5,215 59

\$29,182 49

## August.

4 Mercury Publishing Co., printing and binding Annual Report. ....	\$154 00
5 Newport Paper & Grocery Co., oatmeal.....	4 00
6 Wm. P. Clarke, ink.....	1 00
7 George H. Carr, office supplies.....	1 91
8 Ward Printing Company, printing.....	6 50
9 Perry Coal Company, fuel.....	9 75
0 John M. Friend, brick.....	6 30
1 A. & H. G. Hammett, brick.....	5 00
2 Charles S. Goddard, tool repairs.....	30
3 Barrett Manufacturing Co., tarvia.....	91 26
4 N. Y., N. H. & H. R. R. Co., freight.....	6 60
5 J. K. Sullivan, gravel.....	10 97
6 D. J. Sullivan & Co., weighing gravel.....	20
7 Charles S. Goddard, tool repairs.....	70
8 J. Stacy Brown, stone.....	128 18
9 John H. Sullivan, cartage crushed stone.....	764 31
0 S. W. Coggeshall, screws and nails.....	3 52
1 A. & H. G. Hammett, lumber and screws.....	5 06
2 J. K. Sullivan, gravel.....	161 11
3 J. Stacy Brown, stone.....	50
4 Daniel J. Sullivan, tool repairs.....	3 60
5 Shepley Construction Co., stone.....	83 82
6 N. Y., N. H. & H. R. R. Co., freight.....	67 67
7 J. Stacy Brown, stone . ....	71
8 John H. Sullivan, cartage crushed stone.....	5 20
9 Shepley Construction Co., stone.....	3 11
0 J. K. Sullivan, gravel.....	100 40

271	D. J. Sullivan & Co., weighing gravel . . . . .	1	40
272	J. Stacy Brown, stone . . . . .	10	01
273	John F. Sullivan, stone dust . . . . .	33	75
274	Joseph P. Cotton, stone dust . . . . .	12	50
275	Newport Gas Light Co., cinders . . . . .	111	00
276	N. Y., N. H. & H. R. R. Co., cinders . . . . .	52	50
277	Daniel J. Sullivan, tool repairs . . . . .	2	80
278	Charles S. Goddard, tool repairs . . . . .		70
279	Ralph R. Barker, lampblack . . . . .	7	00
280	J. T. O'Connell, rope . . . . .		30
281	J. D. Johnston, straight edge, etc. . . . .	1	75
282	George A. Weaver Co., rakes, etc. . . . .	3	70
283	M. F. Shea, cement cutter . . . . .	1	50
284	Standard Oil Co. of New York, treating roadbed . .	705	54
285	Perry Coal Company, fuel . . . . .	9	29
286	J. R. Chase, motor cycle repairs . . . . .	7	10
287	M. F. Shea, watering cart repairs . . . . .	21	75
288	Charles S. Goddard, rep. top circle and bolts . . . .	1	50
289	Congdon & Carpenter Co., seat springs . . . . .	5	10
290	Highways and Bridges, freight . . . . .		20
291	N. Y., N. H. & H. R. R. Co., freight . . . . .	10	00
292	S. W. Coggeshall, nails . . . . .		88
293	A. & H. G. Hammett, lumber and spikes . . . . .	9	17
294	George A. Weaver Co., spikes . . . . .	1	00
	Pay Rolls . . . . .	6,539	84
		<b>\$38,358</b>	<b>45</b>

## September.

295	George H. Carr, office supplies . . . . .	\$3	38
296	Samuel T. H. Ailman, office supplies . . . . .	1	50
297	Highways and Bridges, postage . . . . .	6	00
298	Perry Coal Company, fuel . . . . .	7	31
299	Charles S. Goddard, tool repairs . . . . .		70
300	John F. Sullivan, stone . . . . .	10	13
301	Shepley Construction Co., stone . . . . .	8	66
302	J. Stacy Brown, stone . . . . .	62	02
303	John H. Sullivan, cartage stone . . . . .	299	53
304	Shepley Construction Co., stone . . . . .	8	59
305	N. Y., N. H. & H. R. R. Co., freight and demur- rage . . . . .	30	39
306	N. Y., N. H. & H. R. R. Co., freight . . . . .	23	53
307	Robert Wolfenden, freight . . . . .	11	28
308	J. K. Sullivan, gravel . . . . .	10	14
309	Jacob Mohr, tool repairs . . . . .	2	95



# REPORT OF STREET COMMISSIONER

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310	J. Stacy Brown, stone.....	16 78
311	John H. Sullivan, cartage stone.....	111 30
312	Daniel J. Sullivan, tool repairs.....	2 00
313	Shepley Construction Co., crushed stone.....	35 90
314	N. Y., N. H. & H. R. R. Co., freight.....	25 23
315	J. K. Sullivan, gravel.....	135 49
316	D. J. Sullivan & Co., weighing gravel.....	9 90
317	J. Stacy Brown, stone.....	1 46
318	D. J. Sullivan, tool repairs.....	9 85
319	Charles S. Goddard, tool repairs.....	40
320	J. Stacy Brown, stone.....	8 11
321	John H. Sullivan, cartage crushed stone.....	59 78
322	J. Stacy Brown, stone.....	3 37
323	J. K. Sullivan, gravel.....	36 08
324	D. J. Sullivan & Co., weighing gravel.....	1 90
325	Joseph P. Cotton, stone dust.....	12 50
326	J. Stacy Brown, stone.....	3 31
327	A. & H. G. Hammett, strips.....	29
328	D. J. Sullivan, tool repairs.....	40
329	Jacob Mohr, tool repairs.....	65
330	Norcross Brothers, lumber.....	4 81
331	Wm. B. Scott & Co., mortar hoe.....	65
332	Perry Coal Company, fuel.....	6 85
333	S. B. Gladding, gasoline.....	9 98
334	Newport Foundry & Machine Corp., machinist labor, etc. ....	4 43
335	M. F. Shea, watering cart repairs.....	1 00
336	T. B. Dawley Co., contract, paint VanZandt bridge. Pay Rolls. . . . .	160 00 3,631 12
		<hr/>
		\$43,214 10

## October.

337	S. T. H. Allman, envelopes.....	\$5 50
338	Remington Ward, printing.....	5 00
339	George H. Carr, office supplies.....	4 72
340	Perry Coal Company, fuel.....	2 44
341	J. Stacy Brown, stone.....	27 54
342	John H. Sullivan, cartage crushed stone.....	86 02
343	Barrett Manufacturing Co., tarvia.....	45 00
344	N. Y., N. H. & H. R. R. Co., freight.....	6 60
345	A. & H. G. Hammett, lumber.....	4 91
346	George A. Weaver Co., scoop shovel, etc. ....	5 90
347	Wm. B. Scott & Co., axe.....	1 50
348	S. W. Coggeshall, shovels.....	7 00

## REPORT OF STREET COMMISSIONER

349	D. E. Sullivan, file.....	35	
350	J. K. Sullivan, gravel.....	16	97
351	Charles S. Goddard, tool repairs.....	1	00
352	J. D. Johnston, sash.....	1	50
353	A. & H. G. Hammett, lumber.....	2	94
354	Ralph R. Barker, glass.....		36
355	Jas. H. Donavon, tool repairs.....	2	00
356	J. K. Sullivan, gravel.....	7	34
357	D. J. Sullivan & Co., weighing gravel.....		50
358	D. J. Sullivan, tool repairs.....	1	25
359	J. Stacy Brown, stone.....	6	68
360	John H. Sullivan, cartage crushed stone.....	42	54
361	J. K. Sullivan, gravel.....	76	62
362	D. J. Sullivan & Co., weighing gravel.....	3	90
363	D. J. Sullivan, tool repairs.....	1	90
364	J. Stacy Brown, stone.....	9	20
365	John H. Sullivan, cartage crushed stone.....	57	74
366	J. K. Sullivan, gravel.....	197	77
367	D. J. Sullivan & Co., weighing gravel.....	8	50
368	D. J. Sullivan, tool repairs.....	5	35
369	Charles S. Goddard, tool repairs.....		10
370	J. Stacy Brown, stone.....	1	74
371	John H. Sullivan, cartage crushed stone.....	7	00
372	J. Stacy Brown, stone.....	36	04
373	John H. Sullivan, cartage crushed stone.....	265	58
374	J. Stacy Brown, stone.....	25	98
375	John H. Sullivan, cartage crushed stone.....	177	73
376	Perry Coal Company, fuel.....	5	20
377	J. Stacy Brown, stone.....	31	21
378	John H. Sullivan, cartage crushed stone.....	229	94
379	J. Stacy Brown, stone.....	16	07
380	Ralph R. Barker, lampblack.....	3	50
381	N. Y., N. H. & H. R. R. Co., cinders.....	1	50
382	Newport Gas Light Company, cinders.....	1	50
383	Perry Coal Co., fuel.....	13	70
384	The Dustoline for Roads Company, dustoline.....	43	99
385	James H. Hart, repairing pump.....	2	00
	Pay Rolls.....	3,734	98
		<hr/>	
		\$48,345	40

## November.

386	Providence Telephone Co., service and toll calls.....	\$61	35
387	Remington Ward, printing.....	12	00

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**\$51,467 73**

20	Remington Ward, printing .....	\$30 00
21	Harry H. Johnson, typewriter ribbons, coupons...	4 50
22	L. C. Smith & Bro. Typewriter Co., carbon.....	3 00
23	S. T. H. Ailman, pencils .....	50
24	Providence Telephone Company, toll calls.....	1 05
25	J. Stacy Brown, stone . . . . .	28
26	George A. Weaver Company, tape . . . . .	3 50

## REPORT OF STREET COMMISSIONER

427	Wm. B. Scott & Company, hack saws.....	60
428	J. K. Sullivan, gravel.....	3 28
429	Thos. Lucas, repairs to stable roof, contract.....	75 00
430	C. E. Clarke, tool repairs.....	75
431	J. Stacy Brown, stone.....	23
432	J. K. Sullivan, gravel.....	5 10
433	D. J. Sullivan & Company, weighing gravel.....	1 0
434	J. Stacy Brown, stone.....	23 88
435	S. W. Coggeshall, brush.....	1 00
436	George Stanhope, salt.....	1 25
437	J. K. Sullivan, gravel.....	1 1
438	Ralph R. Barker, paint and brush.....	2 6
439	G. H. Burnham, rubber packing.....	1 11
440	Frank L. DeBlois, witness summons.....	13 11
	Pay Rolls . . . . .	1,176 7
	Assumed, half Street Commissioner's salary.....	750 0
	Bill to Jeremiah A. Sullivan, costs advanced in case of City of Newport vs. M. P. Curran, et al.	3 20
		<hr/>
		\$53,568 64

## PUBLIC RECREATIONS.

## February.

1	C. E. Clark, tool repairs.....	\$1 50
	Pay Rolls . . . . .	2 29
		<hr/>
		\$3 79

## March.

2	John H. Marks, rep. fountain, West Broadway...	\$18 20
		<hr/>
		\$21 99

## April.

	Pay Rolls . . . . .	\$11 00
		<hr/>
		\$32 99

## May.

3	Wright Brothers, bronzite.....	\$5 00
4	George A. Weaver Company, emery.....	15
5	Wm. B. Scott & Co., mowing machines' gears....	56
6	John H. Marks, rep. fountain, Broadway.....	5 85
	Pay Rolls . . . . .	51 50
		<hr/>
		\$96 05

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## June.

7	Arthur A. Sherman, arsenic of lead, etc. ....	\$45 50
8	T. B. Connolly, rep. fountain, Market square.....	18 15
9	John H. Marks, rep. fountain, Broadway.....	33 60
	Pay Rolls . . . . .	154 44

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\$347 74

## July.

10	Stephen L. Goddard, rep. fountain, Easton's Beach	\$6 90
11	C. E. Clarke, tool repairs . . . . .	1 50
12	Jas. H. Donavon, tool repairs.....	75
13	George A. Weaver Co., tree pruner, etc. ....	1 50
14	Arthur A. Sherman, arsenic of lead, etc. ....	20 63
	Pay Rolls . . . . .	149 52

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\$528 54

## August.

15	A. & H. G. Hammett, lumber.....	\$1 38
16	Hall & Clarke, rep. bath houses, Battery Park....	8 69
17	Downing Brothers, sulphur . . . . .	50
18	Charles S. Goddard, tool repairs.....	40
19	John M. Friend, pipe, etc. ....	14 43
20	J. K. Sullivan, gravel . . . . .	36
	Pay Rolls . . . . .	143 65

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\$698 00

## September.

21	Alexander Booth, setting fountain, Touro Park	
	West . . . . .	\$18 80
	Pay Rolls . . . . .	49 16

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\$765 96

## October.

22	J. P. Cotton, building stone.....	\$45 00
23	J. Stacy Brown, crushed stone.....	1 01
24	The Peckham Company, linseed oil, etc. ....	7 75
25	Ralph R. Barker, lampblack.....	1 40
26	A. & H. G. Hammett, lumber . . . . .	1 92
27	Joseph P. Cotton, stone dust.....	6 00
28	N. Y., N. H. & H. R. R. Co., cinders.....	3 50

## REPORT OF STREET COMMISSIONER

29	Newport Gas Light Company, cinders.....	9 03
30	J. K. Sullivan, gravel.....	26 35
31	D. J. Sullivan & Co., weighing gravel.....	1 30
32	J. D. Johnston, posts, etc. . . . .	13 65
33	Charles S. Goddard, tool repairs.....	10
34	Stephen L. Goddard, repairing fountain.....	4 02
	Pay Rolls . . . . .	437
		<hr/>
		\$1,324

## November.

35	M. F. Shea, iron and steel, etc. . . . .	\$117
36	J. D. Johnston, posts . . . . .	3
37	Highways and Bridges, express.....	101
	Pay Rolls . . . . .	
		<hr/>
		\$1,547

## December.

38	Barker Brothers & Co., pipe, etc. . . . .	\$3 00
39	Jas. Openshaw Co., repairing fountain.....	2
	Pay Rolls . . . . .	1 30
		<hr/>
		\$1,554

## DOCKS AND WHARVES.

## January.

1	Heirs of George Bowen, fuel.....	\$20 65
2	Newport Paper & Grocery Co., toilet.....	84
	Pay Rolls . . . . .	81 00
		<hr/>
		\$102 45

## February.

3	Perry Coal Co., fuel.....	\$20 55
4	Wm. B. Scott & Co., broom . . . . .	50
5	Providence Telephone Co., telephone service....	7 50
	Pay Rolls . . . . .	54 00
		<hr/>
		\$185 00

## March.

6	Perry Coal Co., fuel.....	\$6 85
7	Newport Paper & Grocery Co., toilet.....	84
8	Wm. K. Covell, hand basin.....	37

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b George A. Weaver Co., soldering paste.....	20
b George A. Weaver Co., lag screws.....	22
Pay Rolls . . . . .	54 00
	<hr/>
	\$247 48

**April.**

L Perry Coal Co., fuel.....	\$13 70
Pay Rolls . . . . .	54 00
	<hr/>
	\$315 18

**May.**

2 Providence Telephone Co., telephone service....	\$7 50
3 George A. Weaver Co., broom, etc.....	95
Pay Rolls . . . . .	67 50
	<hr/>
	\$391 13

**June.**

4 Newport Paper & Grocery Co., toilet.....	\$ 84
Pay Rolls . . . . .	54 00
	<hr/>
	\$445 97

**July.**

Pay Rolls . . . . .	\$54 00
	<hr/>
	\$499 97

**August.**

5 Newport Paper & Grocery Co., toilet.....	\$ 84
Pay Rolls . . . . .	67 50
	<hr/>
	\$568 31

**September.**

6 Wm. B. Scott & Co., broom.....	\$ 45
Pay Rolls . . . . .	55 37
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	\$624 13

**October.**

7 Perry Coal Co., fuel.....	\$6 85
8 Newport Paper & Grocery Co., toilet.....	84

## REPORT OF STREET COMMISSIONER

19 George A. Weaver Co., screws.....		38
Pay Rolls . . . . .	70	25
		<hr/>
	\$702	93

## November.

20 Perry Coal Co., fuel.....	\$6	
21 Newport Ship Yard, piles, etc. ....	25	
Pay Rolls . . . . .	54	
		<hr/>
	\$789	

## December.

22 Perry Coal Co., fuel.....	\$6	
23 Newport Paper & Grocery Co., toilet.....		
Pay Rolls . . . . .	54	
		<hr/>
	\$851	

## NON-APPORTIONED.

## January.

## Stable:

1 J. G. Stevens, forage.....	\$258	70
2 S. W. Coggeshall, solarine, etc. ....	2	40
3 Oliver R. Braman, supplies.....	9	15
4 Wm. B. Scott & Co., axle grease.....	2	00
5 Charles S. Goddard, harness repairs.....	1	00
6 Peter F. Clark & Co., shoeing.....	5	75
7 Daniel Beard, shoeing . . . . .	5	13
8 Daniel J. Sullivan, shoeing.....	5	63
9 Shreenan & Sullivan, shoeing.....	4	50
10 P. M. Shea, shoeing . . . . .	7	25
Pay Rolls . . . . .	18	6 14

## Rollers:

11 Charles S. Goddard, repairs.....	3	50
12 Dring & Smith, paint, etc. ....	3	90
13 George A. Weaver Co., potash, etc. ....	2	70
14 Philip F. Conroy, pipe fittings.....	1	87
15 F. E. Fitts Mfg. & Supply Co., waste.....	27	75
16 N. Y., N. H. & H. R. R. Co., freight.....		34
Pay Rolls . . . . .	326	75

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\$854 46



# REPORT OF STREET COMMISSIONER

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## February.

### able:

7	H. L. Marsh & Co., forage.....	\$116 15
8	S. W. Coggeshall, solarine . . . . .	1 50
9	Charles S. Goddard, harness repairs.....	1 00
0	George A. Weaver Co., clippers.....	1 75
1	W. F. Gratrix, supplies . . . . .	3 50
2	Shreenan & Sullivan, shoeing.....	4 50
3	Peter F. Clark & Co., shoeing.....	4 50
4	P. M. Shea, shoeing.....	5 50
5	Daniel J. Sullivan, shoeing.....	5 88
6	Daniel Beard, shoeing . . . . .	5 13
	Pay Rolls . . . . .	101 66

### llers:

7	Buffalo Steam Roller Co., repairs.....	52 25
8	Harold L. Bond Co., globe valves, etc. . . . .	7 50
9	Highways and bridges, freight.....	2 48
0	George A. Weaver Co., supplies.....	80
1	Newport Foundry & Machine Corp., pipe fittings, etc. . . . .	1 87
2	Ralph R. Barker, varnish and brushes.....	4 80
3	N. Y., N. H. & H. R. R. Co., freight.....	32
	Pay Rolls . . . . .	218 75

### usher:

4	Providence Telephone Co., telephone service....	7 00
5	Remington Ward, printing . . . . .	11 00

### aterials:

6	W. L. Nordling, kerosene.....	3 75
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\$1,416 05

## March.

### able:

7	H. L. Marsh & Co., forage.....	\$150 17
8	Dudley P. Bacheller, express wagon.....	50 00
9	Newport Gas Light Co., gas . . . . .	2 53
0	Henry H. Lawton, supplies and harness repairs..	11 45
1	Ralph R. Barker, paint.....	12 55
2	A. & H. G. Hammett, lumber . . . . .	5 68
3	M. F. Shea, iron cart body, etc. . . . .	18 00
4	Charles S. Goddard, harness repairs.....	3 65
5	Max David, canvas . . . . .	50
6	S. W. Coggeshall, scoop shovels, etc. . . . .	7 43
7	Peter F. Clark & Co., shoeing . . . . .	4 50

## REPORT OF STREET COMMISSIONER

48 Daniel J. Sullivan, shoeing.....	5	63
49 Daniel Beard, shoeing.....	1	75
50 P. M. Shea, shoeing.....	4	75
51 Shreenan & Sullivan, shoeing.....	4	50
Pay Rolls.....	203	57
<b>Crusher:</b>		
52 Perry Coal Co., fuel.....	9	
53 A. & H. G. Hammett, lumber.....	12	
54 Main Belting Co., belting and lace.....	163	
55 Earle C. Bacon, elevator buckets.....	105	
56 Farrell Foundry & Machine Co., bucket bolts....	20	
57 Newport Foundry & Machine Corp., repairs.....	53	
58 Congdon & Carpenter Co., steel.....	42	
59 Charles S. Goddard, tool repairs.....	1	
60 George A. Weaver Co., supplies.....	3	
61 S. W. Coggeshall, lantern globes.....		
62 New England Navigation Co., freight.....	1	
63 N. Y., N. H. & H. R. R. Co., freight.....		
64 Highways and bridges, express.....	1	
Pay Rolls.....	398	
<b>Rollers:</b>		
65 Perry Coal Co., fuel.....	7	
66 Newport Foundry & Machine Corp., lubricating oil.....	20	
67 Wright Brothers, bronxite.....	2	
68 George A. Weaver Co., lamp wicking.....		
69 Ralph R. Barker, varnish, etc.....	3	4
70 Main Belting Co., belting.....	3	01
71 Buffalo Steam Roller Co., repairs.....	6	25
72 Walworth Manufacturing Co., packing.....	3	60
73 Charles S. Goddard, iron.....		75
74 Wm. K. Covell, oil can, etc.....	2	95
75 Highways and bridges, express.....	2	75
Pay Rolls.....	216	00
<b>Materials:</b>		
76 Packing & Slake, cement.....	190	50
		<hr/>
		\$3,675 15

April

## State

77 H. Marsh & Co., storage.....	\$54	21
78 Central Station, soap.....	4	25
79 Newport Foundry & Machine Corp., repairs.....	3	90

# REPORT OF STREET COMMISSIONER

117

George A. Weaver Co., screws.....	1 00
Downing Brothers, assaforetida . . . . .	25
Charles S. Goddard, harness repairs.....	3 00
A. & H. G. Hammett, lumber.....	2 08
The Peckham Co., princess metallic.....	15
Wm. B. Scott & Co., grease.....	2 00
Henry Biessel & Son, supplies.....	17 80
Ralph R. Barker, paint.....	1 50
T. G. Owen, auto tires and valves.....	240 20
P. M. Shea, shoeing.....	3 25
Daniel J. Sullivan, shoeing.....	6 07
Peter F. Clark & Co., shoeing.....	4 50
Daniel Beard, shoeing . . . . .	5 13
Shreenan & Sullivan, shoeing.....	4 50
Pay Rolls . . . . .	235 04

## usher:

Perry Coal Co., fuel.....	105 98
George A. Weaver Co., pails.....	80
Wm. B. Scott & Co., hammers.....	5 70
Highways and bridges, express.....	95
S. W. Coggeshall, supplies.....	4 76
Charles J. Beattie, repairs.....	27 01
J. M. K. Southwick, explosives.....	42 30
W. L. Nordling, kerosene.....	3 75
Newport Foundry & Machine Corp., repairs, etc..	28 65
George Stanhope, salt, etc. . . . .	55
Congdon & Carpenter Co., spelter.....	9 09
Walworth Manufacturing Co., glove valves.....	5 79
F. E. Fitts Mfg. & Supply Co., packing . . . . .	9 90
Harold L. Bond Co., dolly and spreader.....	3 60
Pay Rolls . . . . .	1,103 78

## illers:

George A. Weaver Co., hose.....	12 50
Perry Coal Co., fuel.....	104 87
Wm. K. Covell, can, etc. . . . .	1 25
New England Navigation Co., repairs.....	4 00
Buffalo Steam Roller Co., repairs.....	53 80
Pay Rolls . . . . .	64 50

## aterials:

J. T. O'Connell, cotton waste.....	53 24
C. U. Hallock, kerosene.....	7 50
Fuller Iron Works, manhole covers and rims ...	54 00
Highways and bridges, freight.....	1 66

117 John M. Friend, pipe.....	288 80
	<hr/>
	\$5,702 71

## May.

## Materials:

118 Schooner "Willis L. Maxwell," freight on curb ..	\$641	2
--	-------	---

## Stable:

119 H. L. Marsh & Co., forage . . . . .	200	3
120 The Texas Co., gasoline.....	15	1
121 George A. Weaver Co., salt.....	2	1
122 T. G. Owen, auto repairs.....	195	1
123 M. F. Shea, cart repairs.....	28	1
124 Wright Brothers, paint.....	6	1
125 J. T. O'Connell, rope, etc. ....	-	1
126 Daniel J. Sullivan, shoeing.....	8	1
127 Peter F. Clark & Co., shoeing.....	4	1
128 Shreenan & Sullivan, shoeing . . . . .	4	1
129 P. M. Shea, shoeing.....	11	1
130 Daniel Beard, shoeing . . . . .	5	1
131 Oliver R. Braman, supplies.....	10	1
Pay Rolls . . . . .	106	4

## Crusher:

132 Providence Telephone Co., telephone service....	7	4
133 Perry Coal Co., fuel.....	146	7
134 J. M. K. Southwick, dynamite.....	40	0
135 Providence Oil Co., grease . . . . .	7	2
136 Congdon & Carpenter Co., steel . . . . .	18	3
137 Newport Foundry & Machine Corp., oils, etc. ....	28	14
138 A. & H. G. Hammett, lumber . . . . .	6	94
139 The Peckham Co., oil can.....		85
140 Edgar Allen, American Mang. Steel Co., shaft ....	95	00
141 N. Y., N. H. & H. R. R. Co., freight.....	11	51
142 M. F. Shea, repairs.....	7	50
143 Walworth Manufacturing Co., slop over cup.....	1	53
144 Barker Brothers & Co., pipe.....	8	50
145 F. E. Fitts Mfg. & Supply Co., packing.....	10	24
146 Highways and bridges, express.....		63
Pay Rolls . . . . .	1,599	62

## Rollers:

147 Perry Coal Co., fuel.....	188	32
148 Charles S. Goddard, repairs.....	3	00
149 Walworth Manufacturing Co., glass cutters, etc. ..		96
150 S. W. Coggeshall, oiler.....		40

# REPORT OF STREET COMMISSIONER

119

George A. Weaver Co., hose, etc. ....	12 60
Highways and bridges, express.....	20
<b>Materials:</b>	
John M. Friend, pipe . . . . .	475 72
Darling & Slade, cement.....	324 40
W. L. Nordling, kerosene.....	7 50
C. U. Hallock, kerosene.....	3 75
	<hr/>
	\$9,851 12

## June.

<b>Materials:</b>	
H. L. Marsh & Co., forage.....	\$158 39
Newport Gas Light Co., gas.....	3 80
George A. Weaver Co., clipper plates.....	70
Wm. B. Scott & Co., grease, etc.....	2 25
W. F. Gratrix, supplies and harness repairs.....	10 35
M. F. Shea, bolt.....	75
Charles S. Goddard, cart repairs.....	2 50
The Texas Co., gasoline.....	12 16
B. Morgan, auto casing.....	29 25
J. R. Chase, motor cycle repairs.....	17 22
Daniel J. Sullivan, shoeing . . . . .	5 25
Shreenan & Sullivan, shoeing.....	4 50
Daniel Beard, shoeing . . . . .	10 26
Peter F. Clark & Co., shoeing.....	5 00
P. M. Shea, shoeing.....	8 13
Pay Rolls . . . . .	81 50
<b>Washer:</b>	
Perry Coal Co., fuel.....	100 78
J. M. K. Southwick, dynamite.....	40 00
A. & H. G. Hammett, lumber.....	1 44
J. D. Johnston, lumber . . . . .	2 10
Newport Foundry & Machine Corp., oils, etc. ....	20 17
Providence Oil Co., belt dressing . . . . .	14 25
Waters Governor Company, gear and disk.....	2 70
S. W. Coggeshall, putty.....	20
Jas. H. Hart, funnel and pipe.....	1 50
Pay Rolls . . . . .	1,174 13
<b>Washers:</b>	
Perry Coal Co., fuel.....	132 02
Highways and bridges, express.....	2 73
<b>Materials:</b>	
Hooper, Havey & Co., granite culls and curb....	3,226 18

## REPORT OF STREET COMMISSIONER

184	Darling & Slade, cement.....	414	90
185	John M. Friend, pipe.....	273	52
186	W. L. Nordling, kerosene . . . . .	3	75
187	C. U. Hallock, kerosene.....	7	50
188	Fuller Iron Works, manhole covers and rims....	54	00
189	Highways and bridges, freight.....	2	00
190	Schooner "Charlie and Willie," freight on curb....	262	00

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\$14,939 =

## July.

## Stable:

191	H. L. Marsh & Co., forage.....	\$132	20
192	James McBride, liniment.....	4	00
193	Downing Brothers, witch hazel.....		00
194	Wm. B. Scott & Co., pail.....		00
195	S. W. Coggeshall, solderine, etc. . . . .	1	00
196	B. Morgan, auto repairs, etc. . . . .	87	00
197	Dudley P. Bacheller, repairs to buggy and wagon	4	00
198	A. & H. G. Hammett, lumber.....		00
199	Wm. K. Covell, repair watering pot.....		00
200	Henry H. Lawton, supplies.....	5	00
201	P. M. Shea, shoeing.....	11	00
202	Shreenan & Sullivan, shoeing.....	4	00
203	Daniel J. Sullivan, shoeing.....	6	00
204	Peter F. Clark & Co., shoeing.....	4	00
205	Daniel Beard, shoeing . . . . .	5	00
	Pay Rolls . . . . .	79	00

## Crusher:

206	Perry Coal Co., fuel.....	108	25
207	J. M. K. Southwick, explosives.....	23	00
208	W. L. Nordling, kerosene.....	3	75
209	George A. Weaver Co., hammer handles.....	2	50
210	Newport Paper & Grocery Co., oatmeal.....	4	00
211	A. & H. G. Hammett, lumber.....		45
	Pay Rolls . . . . .	1,172	65

## Rollers:

212	Perry Coal Co., fuel.....	97	48
213	S. W. Coggeshall, axe.....	1	00

## Materials:

214	Hooper, Havey & Company, curb.....	1,199	92
215	John M. Friend, pipe . . . . .	413	82
216	Darling & Slade, cement.....	462	52
217	Newport Foundry & Machine Corp., oils.....	43	19

# REPORT OF STREET COMMISSIONER

121

W. L. Nordling, kerosene.....	3 75
C. U. Hallock, kerosene.....	3 75

**\$18,927 21**

## August.

### Re:

H. L. Marsh & Co., forage.....	\$191 13
Dr. C. Horseman, vet. service.....	6 00
M. F. Shea, cart repairs.....	1 00
Charles S. Goddard, cart repairs.....	4 25
Dudley P. Bacheller, repair buggy.....	2 35
T. G. Owen, auto repairs.....	185 59
J. R. Chase, motor cycle repairs.....	8 40
Texas Oil Co., gasoline.....	22 34
Wm. B. Scott & Co., axle grease.....	2 00
Henry Biesel & Son, supplies.....	17 10
Shreenan & Sullivan, shoeing.....	4 50
Peter F. Clark & Co., shoeing.....	5 00
Daniel Beard, shoeing.....	5 13
Daniel J. Sullivan, shoeing.....	14 26
P. M. Shea, shoeing.....	12 50
Pay Rolls.....	75 00

### Wher:

Perry Coal Co., fuel.....	119 35
J. M. K. Southwick, explosives.....	33 00
Edgar Allen American Mang. Steel Co., concaves, etc.....	85 00
N. Y., N. H. & H. R. R. Co., freight.....	1 06
Newport Foundry & Machine Corp., oils, etc.....	25 30
Main Belting Co., belting.....	52 48
Highways and bridges, express.....	1 05
Providence Oil Co., belt dressing.....	17 10
A. & H. G. Hammett, nails.....	25
M. F. Shea, steel plates and borax.....	1 75
Lynch Brothers, repair governor.....	1 98
City Sealer, testing scales.....	1 00
Pay Rolls.....	1,396 76

### llers:

Perry Coal Co., fuel.....	158 91
Newport Foundry & Machine Corp., auto oil....	21 20
Buffalo Steam Roller Co., repairs.....	15 55
Highways and bridges, express.....	1 85
George A. Weaver Co., hose, etc.....	12 70

## Materials:

252	Darling & Slade, cement.....	639	30
253	C. U. Hallock, kerosene.....	7	50
254	W. L. Nordling, kerosene.....	7	50
		<hr/>	
		\$21,984	35

## September.

## Stable:

255	H. L. Marsh & Co., forage.....	\$131	24
256	Newport Gas Light Co., gas.....	2	97
257	The Texas Company, gasoline.....	7	35
258	S. W. Coggeshall, solarine.....	1	50
259	O. R. Braman, supplies.....	23	50
260	Charles S. Goddard, eyebolts.....		50
261	J. R. Chase, bicycle tire.....	3	50
262	P. M. Shea, shoeing.....	5	50
263	Peter F. Clark & Co., shoeing.....	5	00
264	Daniel J. Sullivan, shoeing.....	6	13
265	Shreenan & Sullivan, shoeing .	4	50
266	Daniel Beard, shoeing .	5	13
	Pay Rolls . . . . .	79	00

## Crusher:

267	Perry Coal Co., fuel.....	12	95
268	J. M. K. Southwick, explosives.....	43	50
269	Waters Governor Co., supplies.....	5	22
270	Highways and bridges, express.....	1	85
271	A. & H. G. Hammett, lumber.....	3	01
272	Providence Oil Co., belt dressing and grease.....	1	15
273	Main Belting Co., lace.....	6	75
274	Walworth Manufacturing Co., air cocks.....	2	16
	Pay Rolls . . . . .	1,04	23

## Rollers:

275	Perry Coal Co., fuel.....	12	17
276	Charles S. Goddard, repairs.....	3	50
277	Buffalo Steam Roller Co., scraper bracket.....	2	50
278	Highways and bridges, express.....		25

## Materials:

279	John M. Friend, pipe.....	263	54
280	Darling & Slade, cement . . . . .	190	50
281	Fuller Iron Works, manhole covers and rims....	36	00
282	Highways and bridges, freight.....	1	40



# REPORT OF STREET COMMISSIONER

123

Nordling, kerosene.....	3 75
Hallock, kerosene.....	3 75
	<hr/>
	\$24,133 35

## October.

Marsh & Co., forage.....	\$159 83
Texas Co., gasoline.....	3 68
O'Connell, manila rope.....	57
B. Scott & Co., grease, etc. ....	2 75
Gratrix, supplies.....	3 30
Copeland, removing dead horse.....	3 00
A. Stoddard, medicines, etc. ....	30 00
nan & Sullivan, shoeing.....	4 50
Beard, shoeing .....	5 13
Shea, shoeing .....	11 75
F. Clark & Co., shoeing.....	4 50
J. Sullivan, shoeing.....	4 50
olls .....	96 50

Coal Co., fuel.....	133 05
K. Southwick, dynamite.....	60 00
lence Oil Co., belt dressing.....	8 55
ort Foundry & Machine Corp., crusher oil..	12 61
Nordling, kerosene.....	3 75
O'Connell, manila rope.....	44
Shea, tube rods.....	4 00
eckham Co., putty.....	25
e A. Weaver Co., hammer handles.....	2 25
Brothers, putty, etc. ....	4 81
olls .....	1,377 93

Coal Co., fuel .....	124 47
O'Connell, cotton waste.....	34 13
ort Foundry & Machine Corp., auto oil.....	20 80
Nordling, kerosene.....	3 75
Hallock, kerosene.....	7 50
Brothers, nipple, etc. ....	58

M. Friend, pipe.....	181 10
	<hr/>
	\$26,443 33

## November.

## Stable:

314	H. L. Marsh & Co., forage.....	\$181 49
315	The Texas Co., gasoline.....	1 58
316	Julius Burdick, gasoline . . . . .	12 60
317	M. F. Shea, repairing express wagon.....	3 25
318	Dudley P. Bacheller, repairing buggy.....	3 90
319	J. R. Chase, repair motor cycle.....	16 18
320	B. Morgan, repair auto.....	8 00
321	Highways and bridges, express.....	25
322	Daniel J. Sullivan, shoeing.....	9 51
323	Peter F. Clark & Co., shoeing.....	4 50
324	Shreenan & Sullivan, shoeing.....	4 50
325	P. M. Shea, shoeing.....	10 26
326	Daniel Beard, shoeing . . . . .	5 13
	Pay Rolls . . . . .	96 91

## Crusher:

327	Perry Coal Co., fuel.....	69 13
328	J. M. K. Southwick, dynamite.....	20 00
329	A. & H. G. Hammett, lumber . . . . .	12 30
330	The Peckham Co., brushes, etc. . . . .	1 00
331	Newport Foundry & Machine Corp., packing....	90
332	George A. Weaver Co., hammer handles.....	1 20
333	Providence Telephone Co., service.....	28 00
	Pay Rolls . . . . .	826 69

## Rollers:

334	Perry Coal Co., fuel.....	28 27
	Pay Rolls . . . . .	163 79

## Materials:

335	Darling & Slade, cement.....	95 25
336	C. U. Hallock, kerosene.....	3 75

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 \$28,051 67

## December.

## Stable:

337	H. L. Marsh & Co., forage.....	\$106 88
338	Wm. K. Covell, reflector lantern.....	3 00
339	Wm. B. Scott & Co., bags.....	2 00
340	The Texas Co., gasoline.....	9 99
341	Newport Gas Light Co., gas.....	99
342	M. F. Shea, cart repairs.....	53 85
343	Henry H. Lawton, stable supplies.....	11 65

**REPORT OF STREET COMMISSIONER****125**

344	Henry Biesel & Son, harness repairs.....	5 55
345	J. R. Chase, auto repairs.....	66 07
346	Thos. G. Owen, oil, etc. ....	25 22
347	Daniel Beard, shoeing . ....	5 13
348	P. M. Shea, shoeing.....	5 50
349	Peter F. Clark & Co., shoeing.....	4 50
350	Daniel J. Sullivan, shoeing.....	6 63
	Pay Rolls . . ....	90 66
<b>Crusher:</b>		
351	G. H. Burnham, gaskets, etc. ....	5 28
	Pay Rolls . . ....	35 00
<b>Rollers:</b>		
	Pay Rolls . . ....	192 00
		<hr/>
		<b>\$28,681 57</b>
<b>Total . . . . .</b>		<b>\$144,635 40</b>

**Respectfully submitted,****J. K. SULLIVAN,****Street Commissioner.**



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Annual Report of the  
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City of Newport, Rhode Island  
Municipal Year of 1912 ~ ~ ~

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# ANNUAL REPORT

OF THE

 Street Commissioner

OF THE

CITY OF NEWPORT

1912

**J. K. SULLIVAN, Street Commissioner**  
**F. M. Sisson, Clerk**



# Annual Report of Street Commissioner

December 31, 1912.

to the Honorable the Representative Council of the City of Newport,  
R. I.:

Gentlemen:—I respectfully submit the following report of the operations of the Department of Highways and Bridges for the municipal year of Nineteen Hundred and Twelve.

## STATISTICS

This office has carefully prepared and revised the following statistics from the records of the department, viz:

Streets	Mileage
Granite Block Pavement.....	1.69
Granolithic and Granite Block Pavement.....	1.56
Belford Macadam.....	15.55
Macadam.....	40.07
Asphalt Macadam.....	.94
Barvia Macadam.....	2.24
Barvia.....	1.72
Cobble.....	.51
Dirt.....	26.96
Total.....	91.24

Sidewalks	
Granolithic.....	18.388
Granolithic and Dirt.....	.748
Flagstone.....	2.598
Flagstone and Cobble.....	.145
Flagstone and Dirt.....	1.428
Brick.....	2.895
Asphalt.....	.603
Asphalt Block.....	.485
Plank.....	.313
Dirt.....	87.154
Total.....	114.757

## REPORT OF STREET COMMISSIONER

**Gutters**

Granite Culls.....	18.02
Cobbles.....	36.51
Flagstone and Cobbles.....	.92
Total.....	55.45

**Curb**

Bluestone.....	40.788
Granite.....	15.920
Granolithic.....	1.853
Total.....	58.561

**Sewers**

Vitrified Pipe.....	40.038
Cast Iron Pipe.....	.817
Circular Brick.....	4.727
Brick.....	1.449
Stone.....	.516
Tunnel.....	.388
Cement Pipe.....	.104
Total.....	48.039

**City Wharf**

Minor repairs have been made to the buildings located on City Wharf, at an expense of \$99.86. Appropriation, \$100.00. Balance, 14 cents.

I would recommend that necessary repairs be made to the Stable and Roller Sheds, and that all of the buildings be painted. Some of the fencing, which was blown down during a heavy wind storm, should be rebuilt. What the Department really needs is entire new quarters. All of the old buildings should be torn down and replaced with one large building on a solid foundation to accommodate everything under one roof.

**City Scales**

At the appropriation made this year, the much-needed scales were purchased at City Wharf, to replace the old scales. The scales are in constant use for over thirty years.

The scales were purchased from the Providence Scale Company of Providence, Rhode Island. The scales are of the best quality, their price being two hundred and fifty dollars.

## REPORT OF STREET COMMISSIONER

5

This department enlarged the pit and made repairs to the foundation at a cost of \$46.92, making a total cost of \$341.92 for installing the scales. Appropriation, \$350.00. Balance, \$8.08.

### Horses and Carts

One horse was purchased this year at an expense of one hundred and twenty-five dollars (\$125.00) for the use of the timekeeper.

I would recommend that the same appropriation of seven hundred and fifty (\$750.00) dollars be made next year for the purchase of horses. I am quite sure we shall need it. Appropriation, \$750.00. Balance, \$625.00.

The carts and gears are repaired and painted by the permanent employees of the department during the winter months.

### Snow Removal

We have been quite fortunate during the past year in not having many very heavy snow storms, consequently the expense for removal has been less than former years. Total cost this year, \$1,466.11.

This office has prepared the following table, showing the cost of the removal of snow for the past ten years, viz:

1903.....	\$8,049 17
1904.....	1,860 55
1905.....	2,752 04
1906.....	620 42
1907.....	4,087 16
1908.....	1,680 76
1909.....	804 54
1910.....	3,363 95
1911.....	1,871 61
1912.....	1,466 11
Total.....	\$26,556 31

This makes an average cost per year for the past ten years of \$2,655.63.

It is very difficult to estimate the amount needed for this purpose. Appropriation this year, \$3,500.00; Expenditure, \$1,466.11; leaving a balance of \$2,033.89. However, the cost may far exceed this amount next year. In the year 1903, the expense was over eight thousand dollars.

### Removal of Snow, Year 1912

	Teams		Carts		Total
	Loads	Cu. Yds.	Loads	Cu. Yds.	Cu. Yds.
1912					
Jan. 2.....			4	8	8
Feb. 5.....			8	16	16
Feb. 6.....			11	22	22

## REPORT OF STREET COMMISSIONER

Feb. 7.....			12	24	24
Feb. 12.....			6	12	12
Feb. 13.....			22	44	44
Feb. 20 . . . . .	6	18	20	40	58
Dec. 26.....	32	96	55	110	206
	38	114	138	276	390

## Settling Tank

The Settling Tank, located on Briggs' Wharf, was cleaned this year at an expense of \$423.44; repairs, \$28.22; making a total cost of \$451.66. Appropriation, \$600.00. Balance, \$148.34.

New sills and other repairs to the building are much needed, and I would recommend that a concrete foundation be constructed at the Settling Tank next year.

## Street Cleaning

The permanent pavements are cleaned throughout the year except when covered with snow or during extreme cold weather.

The cleaning of all other streets was commenced on April 2nd and continued until November 15th, when this work was discontinued for the winter.

This street cleaning force is divided into five sections, two of which clean the streets in the city proper; two cover the suburban districts, including the mowing of grass, weeding, etc.; and one section covers Bellevue Avenue. The total number of loads removed this season was 8,977.

From our card index system, we submit the following table, showing the amount of work done by this part of the department, viz:

## Cleaning Streets, Season 1912

Permanent Pavements	Miles	Sq. Yds.	Cost
Broadway.....	149.9	4,925,449	\$1,870.05
Washington Square.....	57.5	2,023,511	
Long Wharf.....	112.6	1,354,254	791.31
Spring Street.....	591.6	7,449,100	2,024.63
Thames Street.....	693.1	8,912,178	5,431.90
	1,604.7	24,664,492	\$10,117.89
Bellevue Avenue.....	743.4	13,632,280	2,382.94
All other streets.....	764.7	12,202,206	17,461.58
	3,112.8	50,498,978	\$29,962.41



**Refuse Disposal**

As no provision had been made for the collection and disposal of the city refuse at the expiration of the five-year contract with Mr. J. J. Dugan, this department immediately took the matter in hand on the first Monday in January of this year. With our permanent teams we collected all of the ashes and other refuse (not considering the limit of five barrels) until March 10th. During that time we collected and disposed of 1,035 double and 907 single loads of refuse, a total of 5,327.6 cubic yards. In weight, we removed about 41 tons per day. The department experienced very severe cold and stormy weather, which was very trying to the men and horses, and greatly hampered them in performing the work. Many days they had to work overtime to keep up with the day's collection. Total cost of Refuse Disposal by the city teams was \$2,533.37.

A contract for the collection and disposal of the city refuse was made by the Honorable Board of Aldermen with the P. H. Welch Co., at a cost of \$425.00 per month. This contract proved to be very unsatisfactory and was revoked. Later, the Board contracted with Mr. John H. Sullivan for a period of six months ending October 15th, at the rate of \$29.25 per day. The appropriation available for this purpose would not warrant them to contract for a longer period.

On July 22d the Representative Council passed a resolution appropriating \$2,000.00 additional for Refuse Disposal. On the 18th of October, the Board extended the contract with Mr. John H. Sullivan to expire on January 15th, 1913, at the same contract price.

Collection by the present contractor has been quite satisfactory, this department receiving very few complaints.

Two men are employed at the dumps to level off, burn rubbish, etc. Permission was again given this year to dump at Anthony's Ledge on Harrison Avenue, on Fridays. Friday, November 8th, was the first time we dumped there.

On December 21st, by request of Mr. Israel J. Josephson, we began dumping refuse on a lot on Bedlow Avenue. This lot will accommodate a vast amount of refuse and will be an excellent dumping place for some time to come.

**DETAIL COST**

Collection and disposal by City teams..	\$2,533 37
Collection and disposal under contract.	7,171 00
Total cost of collection.....	\$9,704 37
Labor of men at dumps, supplies, etc..	1,439 21
Total cost refuse disposal.....	\$11,143 58

**Cleaning Catch Basins and Eyes**

Four men with cart are employed during the year, weather permitting, in cleaning and flushing catch basins and eyeholes. 1,931 catch basins and 1,168 eyeholes were cleaned and flushed, and 1,623 loads of material were removed during the season, at an expense of \$3,068.24.

**Catch Basins and Eyes**

	Catch Basins.	Eye- holes.	Total
Total number last year,	460	267	727
Located during 1912,		7	7
Built during 1912,	3	4	7
Total to date,	463	278	741

**Cleaning Main Sewers**

This very important and necessary work is performed by four competent men, who are employed during the year to clean and flush our sewerage system. We have now about 48 miles of sewers, and the total cost of cleaning same this year was \$2,811.22, making an average cost of \$58.57 per mile.

During the fiscal year, the department has inspected 112 individual sewer connections.

**Sewer Charts**

The sewer charts, which are valuable records of this department, were backed up with cloth. This will preserve them for many years to come. The work was done under contract with Mr. C. A. Hilcken at an expense of \$72.15.

A few of the charts, being in very bad condition, were re-drawn in this office.

**Street Sprinkling****WATERING STREETS**

Street watering commenced this year on the 26th day of April with two carts and on the 18th day of May, eleven carts were added.

The watering was continued until the 30th day of October, when six of the carts were called in; the remaining seven carts were retired on November 11th.

For a number of years, the summer months have been very dry, but the past season has been an exceptionally dry one, which of course necessitated quite an expenditure to keep the dust laid.

The following comparative statement, seasons of 1911 and 1912, will give you some idea of the increase in watering of last season, viz:

# REPORT OF STREET COMMISSIONER

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## COMPARATIVE STATEMENT OF WATERING

Seasons 1911 and 1912

	1911	1912	Increase
<b>Gallons water used :</b>			
Fresh.....	17,868,183	20,084,089	2,215,906
Salt.....	1,647,200	1,865,650	218,450
Totals.....	19,515,383	21,949,739	2,434,356
<b>Mileage covered :</b>			
Fresh.....	9,336.57	11,251.24	1,914.69
Salt.....	978.39	1,067.77	89.38
Totals.....	10,314.96	12,319.01	2,004.07
<b>Area covered, square yards:</b>			
Fresh.....	135,028,329	163,772,122	28,743,793
Salt.. . . . .	18,377,241	20,480,371	2,103,130
Totals.....	153,405,570	184,252,493	30,846,923
<b>Watering Days.....</b>	1,469.5	1,674.1	204.4

The total cost of watering this year was \$10,416.15, or about \$173.60 per mile for the season. About 60 miles were watered, on an average of twice daily.

The following statistics will give you the amount of work performed by each cart.

## REPORT OF STREET COMMISSIONER

## STREET WATERING

Date	Double Cart No. 2.		Capacity 600 gals.		Gallons used per day		Fresh, 15,000; Salt, None.	
	Double Cart No. 2.		Capacity 600 gals.		Gallons used per day		Fresh, 15,000; Salt, None.	
	Double Cart No. 2.		Capacity 600 gals.		Gallons used per day		Fresh, 15,000; Salt, None.	
Date	Gallons of water used		Mileage of Streets Watered.		Area of Streets Watered.			
	For	Salt	Fresh	Salt	Fresh	Salt	Fresh	Total
May	110,400	140,400	124.65	.....	1,875,924	.....	1,875,924	.....
June	417,300	417,300	300.59	.....	5,338,016	.....	5,338,016	.....
July	366,600	366,600	405.50	.....	4,501,566	.....	4,501,566	.....
Aug.	351,000	351,000	286.53	.....	4,151,880	.....	4,151,880	.....
Sept.	232,500	232,500	237.94	.....	3,459,900	.....	3,459,900	.....
Oct.	280,800	280,800	228.42	.....	3,321,504	.....	3,321,504	.....
Nov.	39,000	39,000	31.78	.....	461,820	.....	461,820	.....
Total	1,887,600	1,887,600	1,074.36	.....	23,110,110	.....	23,110,110	.....

## STREET WATERING

Double Cart No. 27.

Capacity 600 gals.

Loads per day—Fresh, 28; Salt, None. Gallons used per day—Fresh, 16,800; Salt, None.

1912	Days	Totals.		Mileage of		Area of Streets Watered.	
		Gallons of Water used		Streets Watered		Fresh	
		Fresh	Salt	Fresh	Salt	Total	Total
April	1	16,800	.....	7.69	.....	7.69	119,644
May	18-3	308,700	.....	141.30	.....	141.30	2,198,459
June	29	487,200	.....	169.36	.....	169.36	3,446,940
July	24	403,200	.....	124.08	.....	124.08	2,610,240
Aug.	25-2	424,200	.....	123.98	.....	123.98	2,641,655
Sept.	23-4	394,800	.....	115.39	.....	115.39	2,458,570
Oct.	21-6	365,400	.....	106.79	.....	106.79	2,275,485
Nov.	6-4	109,200	.....	31.92	.....	31.92	680,030
	149-3	2,509,500	.....	820.51	.....	820.51	16,431,023



## STREET WATERING

Double Cart No. 29.

Capacity 600 Gals.

Loads per day — Fresh 26 ; Salt, None. Gallons Used per day — Fresh, 15,600; Salt, None.

Totals.			Mileage of			Area of Streets Watered.		
Gallons of Water Used			Streets Watered					
	Days	Fresh	Salt	Total	Fresh	Salt	Total	
1912								
May	9	140,400	.....	140,400	98.19	.....	98.19	1,737,072
June	12-2	191,100	.....	191,100	133.65	.....	133.65	2,364,348
	21-2	331,500	.....	331,500	231.84	.....	231.84	4,101,420

## REPORT OF STREET COMMISSIONER

## STREET WATERING

1912	Days	Double Cart No. 30.			Capacity 600 Gals.					
		Fresh, 10 ; Salt, 10.			Gallons Used per day					
		Totals.			Area of Streets Watered.					
		Gallons of Water Used.			Mileage of Streets Watered.					
		Fresh	Salt	Total	Fresh	Salt	Total	Fresh	Salt	Total
May	8	18,000	48,000	90,000	20.20	28.40	57.60	491,184	575,488	1,066,672
June	27	162,000	102,000	324,000	98.55	95.85	194.40	1,057,740	1,042,272	2,100,012
July	23 4	141,000	141,000	282,000	85.78	83.42	169.20	1,432,853	1,090,406	2,523,259
Aug.	22 4	135,000	135,000	270,000	82.12	79.88	162.00	1,381,465	1,018,500	2,400,015
Sept.	19	114,000	114,000	228,000	69.35	67.45	136.80	1,100,562	1,006,764	2,107,346
Oct.	18 2	109,500	109,500	219,000	66.61	64.79	131.40	1,120,514	1,312,882	2,433,346
	118-2	709,500	709,500	1,419,000	431.61	419.79	851.40	7,280,314	8,506,432	15,786,740



## STREET WATERING

		Double Cart No. 31.		Capacity 600 Gals.	
		Loads per day—Fresh, None ; Salt, 12.		Gallons Used per day - Fresh, None ; Salt, 7,200	
		Totals.		Mileage of	
		Gallons of Water Used		Streets Watered.	
		Area of Streets Watered.			
1912	Days	Fresh	Salt	Total	Total
May	10-4	.....	75,600	75,600	1,148,574
June	27-2	.....	196,200	196,200	2,395,275
July	23-6	.....	171,000	171,000	2,087,625
Aug.	22-6	.....	163,800	163,800	1,999,725
Sept.	19	.....	136,800	136,800	1,670,100
Oct.	18-6	.....	135,000	135,000	1,648,125
	122	.....	878,400	878,400	10,949,424

## REPORT OF STREET COMMISSIONER

## CITY WATERING

Year	Days	Double Cart Line		Capacity 700 Cials.		Gallons Used per day		Push, 17,000		Salt, None	
		Totals		Mileage of Streets Watered		Area of Streets Watered.					
		Push	Salt	Push	Total	Push	Total	Push	Salt	Push	Total
May	9	157,500		157,500	157,500	85.32	85.00	1,577,000		1,157,700	
June	26 6	406,126		406,126	406,126	253.69	253.69	3,441,257		3,441,257	
July	23 4	411,760		411,760	411,760	178.07	178.07	2,304,457		2,304,457	
Aug.	22 2	389,376		389,376	389,376	104.48	104.48	2,181,870		2,181,870	
Sept.	20 2	354,376		354,376	354,376	149.65	149.65	1,985,756		1,985,756	
Oct.	18	316,000		316,000	316,000	193.02	193.02	705,000		1,705,110	
Nov.	2	35,000		35,000	35,000	14.74	14.74	196,000		196,124	
	121 0	2,130,025		2,130,025	2,130,025	974.46	974.46	13,032,365		13,032,365	

STREET WATERING

Double Cart No. 33. Capacity 600 Gals.  
Loads per day—Fresh 27; Salt, None. Gallons Used per day—Fresh 16,200; Salt, None

Totals.			Mileage of		Area of Streets Watered.		
Gallons of Water Used.			Streets Watered				
1912	Days	Fresh	Salt	Total	Fresh	Salt	Total
May	11	178,200	.....	178,200	263.89	.....	263.89
June	27-2	441,450	.....	441,450	274.95	.....	274.95
July	24-2	392,850	.....	392,850	234.26	.....	234.26
Aug.	22-4	364,500	.....	364,500	210.60	.....	210.60
Sept.	19-6	319,950	.....	319,950	184.86	.....	184.86
Oct.	18	291,600	.....	291,600	168.48	.....	168.48
	122-6	1,988,550	.....	1,988,550	1,337.04	.....	1,337.04
					21,247,039	.....	21,247,039



## STREET WATERING

Single Cart No. 14.

Capacity 350 Gals.

Loads per day—Fresh, 30 ; Salt, None.                      Gallons Used per day—Fresh 10,500; Salt, None.

Totals.			Mileage of Streets Watered.			Area of Streets Watered.		
Gallons of Water Used.			Streets Watered.			Area of Streets Watered.		
1912	Days	Fresh	Salt	Total	Fresh	Salt	Total	Total
May	9	94,500	.....	94,500	90.81	.....	90.81	1,096,632
June	22-6	238,875	.....	238,875	229.55	.....	229.55	2,772,042
July	20-4	215,250	.....	215,250	166.05	.....	166.05	1,936,307
Aug.	20	210,000	.....	210,000	158.60	.....	158.60	1,836,160
Sept.	17-6	186,375	.....	186,375	140.76	.....	140.76	1,629,592
Oct.	18	189,000	.....	189,000	142.74	.....	142.74	1,652,544
	108	1,134,000	.....	1,134,000	928.51	.....	928.51	10,923,277

## REPORT OF STREET COMMISSIONER

## STREET WATERING.

		Single Cart No. 15.		Capacity 350 Gals.		Gallons Used per day—Fresh, 13,300; Salt, None.	
		Locate per day—Fresh, 38; Salt, None.		Totals.		Mileage of Streets Watered.	
		Gallons of Water Used.		Area of Streets Watered.			
1912	Days	Fresh	Salt	Total	Fresh	Salt	Total
May	10	133,000	.....	133,000	61.00	.....	711,100
June	22 6	302,575	.....	302,575	138.78	.....	1,617,753
July	20 4	272,650	.....	272,650	110.50	.....	1,248,860
Aug.	20	266,000	.....	266,000	107.80	.....	1,218,400
Sept.	17	226,100	.....	226,100	91.63	.....	1,035,640
Oct.	17	226,100	.....	226,100	91.63	.....	1,035,640
Nov.	2	26,600	.....	26,600	10.78	.....	121,840
	102-2	1,453,025	.....	1,453,025	612.12	.....	6,989,233

## STREET WATERING

Single Cart No. 16.

Capacity 350 Gals.

Loads per day—Fresh 37; Salt, None. Gallons Used per day—Fresh, 12,950; Salt, None.

1912	Days	Totals.			Mileage of Streets Watered			Area of Streets Watered.		
		Gallons of Water Used.			Fresh			Salt		
		Fresh	Salt	Total	Fresh	Salt	Total	Fresh	Salt	Total
May	12	155,400	.....	155,400	102.96	.....	102.96	1,876,608	.....	1,876,608
June	27-2	352,888	.....	352,888	172.22	.....	172.22	2,487,707	.....	2,487,707
July	23-4	304,325	.....	304,325	123.14	.....	123.14	1,749,058	.....	1,749,058
Aug.	23-6	307,563	.....	307,563	115.43	.....	115.43	1,587,735	.....	1,587,735
Sept.	21-2	275,188	.....	275,188	103.28	.....	103.28	1,420,605	.....	1,420,605
Oct.	20	259,000	.....	259,000	97.20	.....	97.20	1,337,040	.....	1,337,040
Nov.	2-4	32,375	.....	32,375	12.15	.....	12.15	167,130	.....	167,130
	130-2	1,686,739	.....	1,686,739	726.38	.....	726.38	10,625,883	.....	10,625,883

## REPORT OF STREET COMMISSIONER

## STREET WATERING

		Single Cart No. 22.		Capacity 300 Gals.	
		Latter part May—Fresh, 30; Salt, None.		Gallons Used per day—Fresh, 9,000; Salt, None.	
		Totals.		Mileage of Streets Watered	
		Gallons of Water Used.		Area of Streets Watered.	
1912	Days	Fresh	Salt	Fresh	Total
May	13	117,000	.....	88.79	1,050,764
June	26-6	240,750	.....	156.76	1,736,289
July	23-4	211,500	.....	119.15	1,324,836
Aug.	22	198,000	.....	111.54	1,240,272
Sept.	19-6	177,750	.....	100.13	1,113,426
Oct.	21	189,000	.....	106.47	1,183,896
Nov.	4-2	38,250	.....	21.55	239,598
	130-2	1,172,250	.....	704.39	7,889,081



## STREET WATERING

Single Cart No. 37.

Capacity 350 gals.

Loads per day—Fresh, 14; Salt, 4. Gallons used per day—Fresh, 4,900; Salt, 1,400.

Totals.			Mileage of Streets Watered.			Area of Streets Watered.			
Gallons of Water Used.			Streets Watered.						
Days	Fresh	Salt	Total	Fresh	Salt	Total	Fresh	Salt	Total
1912									
April	7,350	2,100	9,450	8.34	60	8.94	105,810	7,713	113,523
May	41,650	11,900	53,550	47.26	3.40	50.66	599,590	43,707	643,297
June	117,600	33,600	151,200	133.44	9.60	143.04	1,692,960	123,408	1,816,368
July	101,675	29,050	130,725	66.19	8.30	74.49	795,431	106,696	902,127
Aug.	107,800	30,800	138,600	70.18	8.80	78.98	843,348	113,124	956,472
Sept.	88,200	25,200	113,400	57.42	7.20	64.62	690,012	92,556	782,568
Oct.	4,900	1,400	6,300	3.19	.40	3.59	38,334	5,142	43,476
95-6	469,175	134,050	603,225	336.02	38.30	424.32	4,765,485	492,346	5,257,831

# REPORT OF STREET COMMISSIONER

## STREET WATERING

Capacity 350 Gals.  
Used per day - Fresh, 14,000; Salt, None.

Single Cart No. 38.

Totals.		Gallons of Water Used			Mileage of Streets Watered.			Area of Streets Watered.		
		Fresh	Salt	Total	Fresh	Salt	Total	Fresh	Salt	Total
1912	Days	203,000	.....	203,000	129.63	.....	129.63	2,145,739	.....	2,145,739
June	14-4	329,000	.....	329,000	196.93	.....	196.93	3,258,986	.....	3,258,986
July	23-4	315,000	.....	315,000	164.48	.....	164.48	2,556,225	.....	2,556,225
Aug.	22-4	276,500	.....	276,500	144.87	.....	144.87	2,243,798	.....	2,243,798
Sept.	19-6	224,000	.....	224,000	116.96	.....	116.96	1,817,760	.....	1,817,760
Oct.	16	.....	.....	.....	.....	.....	.....	.....	.....	.....
	96-2	1,347,500	.....	1,347,500	752.37	.....	752.37	12,022,408	.....	12,022,408

## SUMMARY OF STREET WATERING

Cart	Days	Gallons of Water used			Mileage of Streets Watered			Area of Streets Watered.		
		Fresh	Salt	Total	Fresh	Salt	Total	Fresh	Salt	Total
25	121	1,887,600	.....	1,887,600	1,674.36	.....	1,674.36	23,110.110	.....	23,110.110
27	149-3	2,509,500	.....	2,509,500	820.51	.....	820.51	16,431.023	.....	16,431.023
28	119-6	1,724,400	148,700	1,868,100	823.90	22.76	846.66	13,580.382	532.169	14,112.551
29	21-2	331,500	.....	331,500	231.84	.....	231.84	4,101.420	.....	4,101.420
30	118-2	709,500	709,500	1,419,000	431.61	419.79	851.40	7,260.314	8,506.432	15,766.746
31	122	.....	878,400	878,400	.....	586.92	586.92	.....	10,949.424	10,949.424
32	121-6	2,130,625	.....	2,130,625	974.46	.....	974.46	13,032.355	.....	13,032.355
33	122-6	1,983,550	.....	1,983,550	1,337.04	.....	1,337.04	21,247.039	.....	21,247.039
10	108-2	1,539,725	.....	1,539,725	847.73	.....	847.73	11,794.112	.....	11,794.112
14	108	1,134,000	.....	1,134,000	928.51	.....	928.51	10,923.277	.....	10,923.277
15	109-2	1,453,025	.....	1,453,025	612.12	.....	612.12	6,989.233	.....	6,989.233
16	130-2	1,686,739	.....	1,686,739	726.38	.....	726.38	10,625.883	.....	10,625.883
22	130-2	1,172,250	.....	1,172,250	704.39	.....	704.39	7,889.081	.....	7,889.081
37	95-6	469,175	134,050	603,225	386.02	38.30	424.32	4,765.485	492.346	5,257.831
38	96-2	1,347,500	.....	1,347,500	752.37	.....	752.37	12,022.408	.....	12,022.408
1674-1		20,084,089	1,865,650	21,949,739	11,251.24	1,067.77	12,319.01	163,772.122	20,480.371	184,252.493

# COMPARATIVE STATEMENT OF STREET WATERING

Year	Days	Gallons of Water Used.			Milage of Streets Watered			Area of Streets Watered.		
		Fresh	Salt	Total	Fresh	Salt	Total	Fresh	Salt	Total
1907	1973	2 29,622,914	2,245,075	31,867,989	14,918.61	1,812.24	16,730.85	202,988,848.85	30,867,466.84	238,851,315.19
1908	1977	2 30,353,738	1,861,038	32,214,776	15,007.45	1,708.34	16,775.79	204,414,971.15	30,205,186.88	234,620,158.08
1909	1771	3 26,931,452	1,661,662	28,593,114	13,352.02	1,539.13	14,891.15	182,801,085.46	26,490,043.34	209,291,078.80
1910	1526	5 24,412,998	2,221,574	26,634,572	10,943.16	1,393.47	12,336.63	166,700,278.00	31,087,143.00	187,787,422.00
1911	1469	5 17,808,183	1,647,200	19,455,383	9,396.57	978.39	10,314.96	135,023,329.00	18,377,241.00	153,405,570.00
1912	1674	1 20,084,083	1,865,650	21,949,733	11,251.24	1,067.77	12,319.01	163,772,122.00	20,480,371.00	184,252,493.00

### Applying Dustoline.

For six years, this department has applied Dustoline to the roadbeds of certain streets, and the result this year, as in former years, has been very satisfactory.

Although we have experimented with several so called dustlayers, we have been unable to find a material that will in any way compare with Dustoline in quality or durability.

By referring to the table of statistics, you will observe that many more streets were treated this year than formerly, including the whole Point district, also, that it was not necessary to make so many applications.

We had on hand from last season, 2,769 gallons of Dustoline, with which we treated Ridge Road and part of Harrison Avenue.

The department purchased this year, six tank cars of Dustoline, containing 47,015 gallons of this material.

The total cost for applying Dustoline this past season was \$3,441.52, or about \$123.76 per mile for the season, covering about 27 miles of 20 foot roadbed.

Two hundred dollars was again donated this year toward the expense of treating the Broadway Roadbed.

The following statistics will give you the full detail as to applications, etc., viz :

BALANCE ON HAND IN STORAGE TANK (Purchased 1911)  
First Application, May 20, and 21, 1912

Street or Avenue.	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used.	Total Cost
Ridge Road.....	10,744	.2272	2,441	\$170.46
Harrison Avenue, Ridge Road to Auchincloss Estate.....	1,444	.2272	328	22.94
	12,188		2,769	\$193.40

Cost per Gallon Applied, \$0.0698  
Average Cost per square yard \$0.0158

**FIRST CAR OF DUSTOLINE**  
**First Application, June 1, 3, and 4, 1912**

Street or Avenue.	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used	Total Cost
Broadway, One Mile Corner to Equality Park Place .....	23,945	.1224	2,933	\$202.63
Bellevue Avenue, Touro Street to Shepard Avenue .....	22,633	.1295	2,933	202.63
Harrison Avenue, Auchincloss Estate to Carroll Avenue .....	28,528	.0822	2,347	162.15
	75,106		8,213	\$567.41

Cost per Gallon Applied, \$0.06908

Average Cost per square yard, \$0.0075

## REPORT OF STREET COMMISSIONER

## SECOND CAR OF DUSTOLINE

First Application, June 11, 12, and 13, 1912

Street or Avenue	Sq. Yds.	Average Gal. per Sq. Yd	Gals. Used	Total Cost
Bridge Street	2,629	.1122	295	\$20.38
Third Street, Marsh Street to Training Station Road.	10,389	.1122	1,166	80.55
Washington Street, Battery Street to Railroad Tracks.	6,534	.1122	733	50.64
Carrall Avenue, Thames Street to Harrison Avenue.	3,733	.1378	515	35.58
Morton Avenue	4,225	.1378	582	40.21
Second Street	6,358	.1361	865	59.76
Poplar Street	2,563	.1361	349	24.11
Cross Street	748	.1361	102	7.05
Elm Street	2,416	.1361	329	22.73
Washington Square	4,338	.1266	549	37.93
Bath Road, Bellevue Avenue to Cliff Avenue.	5,506	.1486	819	56.53
Bath Road, Foot of Hill to Pavilion.	5,558	.1486	826	57.06
Bellevue Avenue, Wheatland Avenue to Bailey's Beach.	8,190	.1339	1,097	76.79
	63,182		8,227	\$568.87

Cost per Gallon Applied, \$0.06908

Average Cost per square yard, \$0.0089



**THIRD CAR OF DUSTOLINE**  
**First Application, June 22, 24, and 25, 1912**

Street or Avenue	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used	Total Cost
West Marlborough Street.....	2,123	.1075	228	15.75
Cypress Street.....	2,396	.1075	258	17.82
Sycamore Street.....	2,378	.1075	256	17.69
Van Zandt Avenue, Farewell Street to the Harbor.....	4,333	.1075	466	32.19
Farewell Street, Broadway to Van Zandt Avenue.....	7,629	.1075	809	55.89
Thames Street, Bridge Street to Poplar Street.....	800	.1075	86	5.94
Sanford Street.....	356	.1075	38	2.63
North Baptist Street.....	492	.1075	53	3.66
Battery Street.....	1,188	.1391	165	11.40
Pine Street.....	1,384	.1391	193	13.33
LaSalle Place.....	590	.1391	82	6.67
Sunnyside Place.....	1,408	.1391	196	13.54
Cherry Street.....	1,350	.1391	188	12.99
Chestnut Street.....	1,129	.1391	157	10.85
Guernsey Court.....	490	.1391	68	4.70
Walnut Street.....	2,095	.1391	291	20.10
Willow Street.....	1,968	.1391	274	18.93

## REPORT OF STREET COMMISSIONER

## THIRD CAR OF DUSTOLINE

First Application, June 22, 24 and 25, 1912

Street or Avenue	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used	Total Cost
Chase Street .....	229	.1391	32	\$2.21
Marlborough Street .....	2,272	.0916	208	14.37
Bath Road, Cliff Avenue to foot of hill, 600 feet .....	2,600	.0527	137	9.46
Marsh Street .....	3,717	.0916	341	23.56
Rousemainere Place .....	213	.1029	22	1.52
Northam Lane, Thames Street to Rousemainere Place .....	333	.1029	34	2.35
Swan Avenue .....	557	.1029	57	3.94
Wilcox Court .....	204	.1029	21	1.45
Sherman Wharf .....	1,500	.1029	154	10.64
Swinburne Wharf .....	1,017	.1029	105	7.25
Champlin's Wharf .....	785	.1029	76	5.25
Bull Wharf, 150 feet .....	250	.1029	26	1.80
Lopez Wharf, 150 feet .....	250	.1029	26	1.80
Peckham Wharf .....	380	.1029	39	2.70
Newman's Wharf .....	611	.1029	63	4.35
Ferry Wharf .....	342	.1029	35	2.42
Market Square .....	550	.1029	57	3.94

## THIRD CAR OF DUSTOLINE

First Application, June 22, 24 and 25, 1912

Street or Avenue	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used	Total Cost
Bowen's Wharf.....	1,279	.1029	132	\$9.12
West Pelham Street.....	1,057	.1029	109	7.53
Sayer's Wharf.....	1,625	.1029	167	11.54
Scott's Wharf.....	550	.1029	57	3.94
Commercial Wharf, North and South and between Hammett's Lumber Yard, 200 feet.....	6,725	.1029	694	47.94
Perry Mill Court.....	622	.1029	64	4.42
Perry Mill Wharf.....	390	.1029	40	2.76
Bailey Court, 150 feet.....	1,833	.1029	187	12.92
Cottrell's Wharf.....	283	.1029	29	2.00
Taylor Court.....	567	.0526	30	2.07
Brown & Howard's Wharf.....	767	.0526	40	2.76
Lee's Wharf.....	1,000	.0526	53	3.66
West Howard Street.....	1,200	.0526	63	4.35
Spring Wharf.....	1,052	.0526	55	3.80
Extension Street, Thames Street West.....	1,011	.0526	53	3.66
Waite's Wharf.....	867	.0526	46	3.18
	1,114	.0526	59	4.08

THIRD CAR OF DUSTOLINE  
First Application, June 22, 24 and 25, 1912

Street or Avenue	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used	Total Cost
Coddington Wharf	456	.0626	24	\$1.46
Goodwin Street	812	.0626	43	2.97
Harrington Street	928	.0626	49	3.30
Richmond Street, 150 feet	650	.0626	34	2.36
East Bowery Street, Bellevue Avenue to Middleton Avenue	3,522	.1558	549	37.43
	76,088		7,818	\$640.12

Cost per Gallon Applied, \$0.06308

Average Cost per Square Yard, \$0.0071

THIRD CAR OF DUSTOLINE  
Second Application, June 24, 1912

Street or Avenue	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used	Total Cost
Bellevue Avenue, Kay Street to East Bowery Street.....	7,961	.0517	412	\$28.43

Cost per Gallon Applied, \$0.06908  
Average Cost per Square Yard, \$0.0035

## FOURTH CAR OF DUSTOLINE

First Application, July 8, 9 and 10, 1912

Street or Avenue	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used	Total Cost
Old 3-30th Road, Bellevue Avenue to Gibbs Avenue.....	7,327	.0756	554	\$38.27
Catharine Street, Bellevue Avenue to Brinley Street.....	660	.0695	46	3.18
Chapel Street.....	3,074	.0695	214	14.78
Redwood Street, Bellevue Avenue to Cottage Street.....	798	.0695	56	3.87
Church Street, 300 feet, Bellevue Avenue west.....	567	.0695	39	2.70
Mill Street, 300 feet, Bellevue Avenue west.....	567	.0695	39	2.70
Pelham Street, 300 feet, Bellevue Avenue west.....	633	.0695	44	3.04
Prospect Hill Street, 300 feet, Bellevue Avenue west.....	300	.0695	21	1.45
John Street, 300 feet, Bellevue Avenue west.....	467	.0695	32	2.21
Levin Street, 300 feet, Bellevue Avenue west.....	500	.0635	35	2.42
William Street, 300 feet, Bellevue Avenue west.....	400	.0695	28	1.94
Gould Street.....	1,927	.1377	265	18.31
Tilley Avenue.....	1,572	.1377	217	14.99
Congdon Avenue, Gould Street north.....	1,179	.1377	162	11.19
Rhode Island Avenue, Broadway to Kay Street.....	3,360	.1377	463	31.99
West Broadway.....	3,981	.1787	712	49.19

## FOURTH CAR OF DUSTOLINE

First Application, July 8, 9 and 10, 1912

Street or Avenue	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used	Total Cost
Branch Street	212	.1787	38	\$2.63
Red Cross Avenue, Old Beach Road south, 500 feet.	2,000	.1787	357	24.66
Bliss Road.	7,157	.0706	505	34.89
Kay Street, Bull Street to Powel Avenue.	8,520	.0706	602	41.59
Prairie Avenue, Catherine Street to Champlin Street.	2,400	.1189	286	19.76
Catherine Street, Rhode Island Avenue to Gibbs Avenue	2,256	.1189	268	18.51
Berkeley Avenue	5,619	.1197	673	46.49
Gibbs Avenue, Catherine Street to Champlin Street.	1,575	.1197	188	12.99
Dresser Street.	2,063	.1197	246	16.99
Ruggles Avenue, Wetmore Avenue to end of Drexel estate.	2,750	.1698	467	32.26
Ochre Point Avenue, Ruggles Avenue north, 200 feet.	511	.1698	87	6.01
Halidon Avenue	3,427	.0805	276	19.07
	65,792		6,920	\$478 08

Cost per gallon applied, \$0.06908

Average cost per square yard, \$0.0072

## REPORT OF STREET COMMISSIONER

## FOURTH CAR OF DUSTOLINE

Second Application, July 10, 1912

	Qty. Yds.	Average Gal. per Sq. Yd.	Gal. Used	Total Cost
Harrison Avenue . . . . .	80,972	.0080	1,107	\$76.44

Street or Avenue

Cost per gallon applied, \$0.0080  
 Average cost per square yard, \$0.0026



## FIFTH CAR OF DUSTOLINE

Second Application, July 25, 27 and August 13, 1912

Street or Avenue	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used	Total Cost
Broadway, One Mile Corner to Equality Park Place.....	23,945	.0571	1,368	\$94.50
Congdon Avenue, Gould Street north.....	1,179	.0571	68	4.70
Tilley Avenue.....	1,672	.0571	90	6.22
Gould Street.....	1,927	.0571	111	7.67
Washington Square.....	4,333	.0624	270	18.65
Marlborough Street.....	2,272	.0624	142	9.81
West Marlborough Street.....	2,123	.0624	133	9.19
Bellevue Avenue, East Bowery Street to Webster Street.....	7,891	.0461	364	25.15
Bath Road, Bellevue Avenue to Rhode Island Avenue.....	3,930	.0461	181	12.51
Bath Road, Cliff Avenue to pavilion.....	8,158	.0668	545	37.65
Kay Street, Bull Street to Powel Avenue.....	8,520	.0481	409	28.26
Old Reach Road, Bellevue Avenue to Gibbs Avenue.....	7,327	.0430	315	21.76
Chapel Street.....	3,074	.0430	133	9.19
Catherine Street, Rhode Island Avenue to Gibbs Avenue.....	2,256	.0430	97	6.70
	78,507		4,226	\$291.96

Cost per gallon applied, \$0.06908

Average cost per square yard, \$0.0037

## REPORT OF STREET COMMISSIONER

FIFTH CAR OF DUSTOLINE  
Third Application, July 26 and 27, 1912

Street or Avenue	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used	Total Cost
Harrison Avenue .....	29,972	.0364	1,091	\$75.37
Bellevue Avenue, Kay Street to East Bowery Street .....	7,961	.0684	545	37.65
	37,933		1,636	\$113.02

Cost per gallon applied, \$0.06908

Average cost per square yard, \$0.0029

FIFTH CAR OF DUSTOLINE

First Application, July 27, 29 and August 13, 1912

Street or Avenue	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used	Total Cost
Franklin Street.....	735	.0847	.63	\$4.36
Narragansett Avenue, Thames Street to Forty Steps.....	18,577	.0847	1,574	108.74
Gibbs Avenue, Bliss Road to Kay Street.....	8,251	.1676	545	87.65
Kay Street, Touro Street to Bull Street..	2,070	.0657	136	9.40
	24,633		2,318	\$160.15

Cost per gallon applied, \$0.06908

Average cost per square yard, \$0.0065

REPORT OF STREET COMMISSIONER

SIXTH CAR OF DUSTOLINE

First Application, August 15, 1912

Street or Avenue	Sq. Yds.	Average		Gals. Used	Total Cost
		Gal. per Sq. Yd.			
Touro Street, Thames Street to Spring Street.....	1,556	.0854		183	\$9.19

Average Cost per Square Yard, \$0.0059  
Cost per Gallon Applied, \$0.06908

SIXTH CAR OF DUSTOLINE  
Second Application, August 14, 15, 16 & 30, 1912

Street or Avenue	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used	Total Cost
Carroll Avenue, Thames Street to Harrison Avenue.....	3,733	.0671	250	\$17.27
Morton Avenue.....	4,225	.0671	283	19.55
Third Street, Marsh Street to Training Station Road.....	10,389	.0614	534	36.89
Thames Street, Bridge Street to Poplar Street.....	800	.0419	34	2.36
Haldon Avenue.....	3,427	.0388	133	9.19
Franklin Street.....	735	.0344	26	1.80
Narragansett Avenue, Bellevue Avenue to Forty Steps.....	12,533	.0344	432	29.84
Red Cross Avenue, Old Beach Road South, 500 feet.....	2,000	.0507	102	7.05
Gibbs Avenue, Champlin Street to Water Works Road.....	1,369	.0507	69	4.77
Bliss Road.....	7,157	.0507	363	25.08
Wilcox Court.....	208	.0210	4	.28
Sherman Wharf.....	1,500	.0210	32	2.21
Champlin's Wharf.....	735	.0210	16	1.11
Swinburne Wharf.....	1,017	.0210	21	1.45
Bull Wharf, 150 feet, Thames Street west.....	250	.0210	5	.35
Lopez Wharf, 150 feet, Thames Street west.....	250	.0210	5	.35
Peckham Wharf.....	380	.0210	8	.55

## SIXTH CAR OF DUSTOLINE

Second Application, August 14, 15, 16 and 30, 1912

Street or Avenue	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used	Total Cost
Market Square.....	550	.0210	12	\$ .83
Newman's Wharf.....	611	.0210	13	.90
Ferry Wharf.....	342	.0210	7	.48
Rowen's Wharf.....	1,279	.0210	27	1.87
West Pelham Street.....	1,057	.0210	22	1.52
Sayer's Wharf.....	1,625	.0210	34	2.35
Scott's Wharf.....	550	.0210	12	.83
Commercial Wharf, north, south and between.....	6,725	.0210	141	9.74
Hammett's Lumber Yard. 200 feet.....	622	.0210	13	.90
Perry Mill Wharf.....	1,833	.0210	39	2.69
Bailey Court. 150 feet.....	283	.0210	6	.41
Cottrell's Wharf.....	567	.0210	12	.83
Taylor Court.....	767	.0210	16	1.11
Brown & Howard's Wharf.....	1,000	.0210	21	1.45
Lee's Wharf.....	1,200	.0210	25	1.73
West Howard Street.....	1,052	.0210	22	1.52

## SIXTH CAR OF DUSTOLINE

Second Application, August 14, 15, 16 and 30, 1912

Street or Avenue	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used	Total Cost
Spring Wharf .....	1,011	.0210	21	\$1.45
Bridge Street .....	2,629	.0177	47	3.25
Cross Street .....	748	.0177	13	.90
Farewell Street, Broadway to Van Zandt Avenue .....	7,529	.0177	133	9.19
Van Zandt Avenue, Farewell Street to the Harbor .....	4,333	.0177	77	5.32
Cypress Street .....	2,396	.0177	43	2.97
Sycamore Street .....	2,378	.0177	42	2.90
Second Street .....	6,358	.0177	113	7.81
Marsh Street .....	3,717	.0177	66	4.56
	101,870		3,294	\$227.60

Cost per Gallon Applied, \$0.06908

Average Cost per square yard, \$0.0022

# REPORT OF STREET COMMISSIONER

## SIXTH CAR OF DUSTOLINE

Third Application, August 15, 16, 31 and October 22, 1912

Street or Avenue.	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used	Total Cost
Washington Square	4,333	.0419	182	\$12.57
Marlborough Street	2,272	.0419	95	6.54
West Marlborough Street	2,123	.0419	89	6.15
Catherine Street, Rhode Island Avenue to Gibbs Avenue	2,250	.0398	76	6.25
Bellevue Avenue, East Bowery Street to Webster Street	7,891	.0388	289	19.97
Bath Road, Bellevue Avenue to Pavillon	13,664	.0390	534	36.89
Broadway, Equality Park Place to Thurston Avenue	17,945	.0446	801	55.88
	50,485		2,086	\$148.72

Cost per Gallon Applied, \$0.06918

Average Cost per square yard, \$0.0028



SIXTH CAR OF DUSTOLINE  
Fourth Application, August 15, and 31, 1912

Street or Avenue	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used	Total Cost
Harrison Avenue .....	29,972	.0133	400	\$27.63
Bellevue Avenue, Kay Street to East Bowery Street .....	7,961	.0807	245	16.93
	37,933		645	\$44.56

Cost per Gallon Applied, \$0.06908  
Average Cost per Square Yard, \$0.0011

**Quarry and Crusher**

The lease of the quarry was renewed by the Honorable Board of Aldermen, under date of February 13th, 1912, for one year, beginning on the 16th day of March, A. D. 1912, and terminating on the 16th day of March, 1913.

Under date of November 11th, 1912, I sent a communication to the Honorable Board of Aldermen to the effect that I had been unsuccessful in obtaining lease of a quarry site, and I suggested to that Honorable Body that they might submit a proposition to the Representative Council, recommending the purchase of a piece of property suitable for quarry purposes, and that if it was the intent of the City to maintain a quarry, I would recommend that speedy action be taken in the matter, so that the plant could be properly installed during the winter months, to enable this department to commence production in the early Spring, also, that an appropriation would be necessary for this purpose. The communication was referred to and received by your Honorable Body on November 20th, 1912.

It is very important that some action be taken in the matter because the production of the present quarry is exhausted, and in accordance with a provision in the said lease, all buildings, machinery, etc., belonging to the City, must be removed within one month from the expiration of lease, which expires on the 16th day of March, A. D. 1913.

The quarrying and crushing of stone commenced on the 19th day of March and continued until the 31st day of August, when the plant was shut down because of lack of funds in the appropriation for Street Repairs, said appropriation being considerably reduced this year.

The amount of stone quarried and crushed during the season was as follows, viz : Ledge Stone, 516 tons ; Crushed Stone, 6,018 tons ; making a total production of 6,534 tons.

The cost of quarrying stone this year was 75c. per ton : Crushed Stone, \$1.159 per ton.

**Statement of Stone Quarried and Crushed during the year 1912**

	Ledge Stone	Crushed Stone
Adams Street	5	15
Albion Street	7	43
Ayres Street		321
Baker Street		87
Bedford Avenue	4	
Belmont Avenue		255
Beverly Street		173

# REPORT OF STREET COMMISSIONER

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	Ledge Stone	Crushed Stone
ay Pavement.....		84
ay Sidewalk at Equality Park.....		20
ay Sidewalk front of St. Joseph's Church.		17
Street.....		213
Avenue.....		22
Street.....		99
Street.....		2
Street.....		132
treet.....		108
Street.....		287
n Street.....		53
s Beach Road.....		132
Street.....		45
n Avenue.....		327
treet.....		11
Place.....	3	
Avenue.....	20	43
e Road.....	34	50
nt Street.....		49
ansett Avenue.....		114
treet.....		84
Avenue.....		424
Point Avenue.....		119
lace.....		11
Street.....		24
Road.....		36
Installing, City Wharf.....	3	
Street.....		21
, General Repairs.....		6
Coddington Wharf.....	2	3
Street Pavement.....		84
d Avenue.....		214
Street.....	19	
ill, Ocean Avenue.....	414	
lks, General Repairs.....		36
, General Repairs.....	5	679
3 Street Pavement.....		2
3 Street (Upper).....		4
Street.....		2
treet.....		27
ngton Square.....		16
gton Avenue.....		802
er Street.....		59

	Ledge Stone	Crushed Stone
West Broadway		72
West Pelham Street		30
On hand City Yard		10
On hand City Crusher		558
	516	6,025
On hand City Yard, December 15th, 1911		7
From Crusher during the year 1912		5,460
On hand City Crusher, December 14th, 1912		558
		6,025

#### Steam Road Rollers

The work of resurfacing and remacadamizing of streets commenced on the 4th day of April and continued until the 21st day of September, when the rollers were housed for the winter. The rollers were returned somewhat earlier this year, owing to the lack of funds to continue the work.

I would recommend that a small roller be purchased next year, say, a 5-Ton Tandem roller. My reason for making this recommendation is based upon the fact that we will be obliged to take a new departure in the line of roadbuilding, both in new construction and repairs, by using asphalt or its equal for the purpose of binding the macadam to resist the large amount of automobile traffic, which wears out our straight macadam in a very short time, and consequently increases the cost of maintenance of our roadbeds.

Our 15-ton rollers, when weigh nearly 18 ton when they are loaded ready for work, are just what we need for preparing the foundation for asphalt macadam, but they are too heavy for the top finish.

If a small roller is purchased, it is my intention that the one end be kept at the City Yard, alternately, as a piece of work progresses. We will also use a small roller for repairs to the bitulithic pavements in certain situations. I earnestly hope you will favorably consider this recommendation.

#### Permanent Pavements

During the year 1912, we completed both bitulithic pavements of 10th Avenue, S. and 5th Street, the expense of which was \$1,755.54.

The City of New York has reimbursed the department for the cost of the work done by the City of New York, and they maintain, according to the statement of the City of New York, that the amounts were deposited with the City of New York, and the City of New York has the appropriation for Street Repairs.

**Bellevue Avenue Asphalt Macadam**

When the Committee of Twenty-five deducted \$7,000.00 from the appropriation for Street Repairs for a new roadbed on lower Bellevue Avenue, they did not realize that they would surely deprive me of funds necessary for the maintenance of our 91 miles of streets, 115 miles of sidewalks, 55 miles of gutters, 58 miles of curb and thousands of crossings and driveways, etc. However, we have an excellent roadbed on Bellevue Avenue from Wheatland Avenue to a point near Webster Street.

The work was commenced on the 5th day of June and was completed on the 19th day of July, at an expense of \$6,468.08.

Appropriation, \$7,000.00; leaving an unexpended balance of \$531.92.

Total length of new roadbed is 4,955 feet, containing 15,743 square yards, making an average cost per square yard of about 41 cents. This is much more work than was anticipated for the sum appropriated, as we expected to go no further than Ruggles Avenue.

Being somewhat disappointed in the results we had obtained by the use of Tarvia as a road binder, I thought it would be wise for the best interests of the City, to endeavor to procure a material of more durability, and after going into the matter to considerable extent, I finally found a highly recommended product called "Pioneer Road Asphalt," which had been used very extensively in the west, giving excellent satisfaction. I was impressed with the results obtained elsewhere, so decided to give the material a trial in the construction of the Bellevue Avenue roadbed.

The producers of "Pioneer Road Asphalt" are the American Asphaltum & Rubber Company, of Chicago, Ill., with whom I contracted to furnish this material to the department, at the rate of Ten and one-half cents per gallon, gross weight, f. o. b. Newport, R. I. The Company kindly loaned us the use of an Asphalt Heater free of charge, with the exception of payment of freight both ways.

Before starting the work, and without any solicitation on my part, both Mr. John F. Sullivan and The Diamond Hill Stone Company asked for an opportunity to submit prices for furnishing crushed stone for this new roadbed. I complied with their request, and they submitted the following bids: Mr. John F. Sullivan, \$1.50 per ton, delivered upon the work; The Diamond Hill Stone Company, \$1.35 per ton, delivered at the railroad depot in car load lots. To the latter price I would have to add the cost of delivery, which, according to contract would be 65 cents per ton, and would bring the net price to \$2.00 per ton delivered on the work, or equivalent to the cost to the City for the stone crushed at the quarry and delivered under contract. Mr. John F. Sullivan's bid being the lowest, I accepted it, and with quite a



**Streets Repaired and Rolled**

The following streets were repaired and rolled, viz.: Ayrault Street, from Kay Street east; Bellevue Avenue, from LeRoy Avenue north; Bath Road, from Gibbs Avenue west; Broadway from Equality Park Place north; Broadway at Court House; Church Street; Easton's Beach Road; Harrison Avenue; John Street; Marchant Street; Malbone Avenue, from Van Zandt Avenue to Channing Street; Mary Street; Narragansett Avenue, from Ochre Point Avenue to Bellevue Avenue; Ocean Avenue; Park Place; Pelham Street; from Thames Street to Spring Street; Ridge Road; Second Street, Third Street; Washington Street, from Long Wharf north; Webster Street, from Spring Street to Bellevue Avenue; Wellington Avenue, from Thames Street west; and West Broadway, from Marlborough Street to Collins Street.

**Streets Macadamized (New Work)**

Ashhurst Place; County Street; Sheffield Avenue, from Hall Avenue east; Wellington Avenue, from Hallidon Avenue east.

Full statistics will be found in another part of this report.

**Albro Street Sewer**

An 8-inch sewer was laid in Albro Street, from Van Zandt Avenue south, for a distance of 264 feet, at an expense of \$174.92.

Appropriation \$275.00; Balance \$100.08.

**Anthony Avenue Sewer**

A sewer was laid in Anthony Avenue to connect with the Bliss Road sewer, which is part of the Second Ward Sewerage System; Length, 127 feet of 8-inch pipe.

Appropriation \$150.00; expenditure \$109.87; balance \$40.13.

**Coddington Wharf Sewer**

The Coddington Wharf sewer was repaired and extended into the harbor for a distance of 96 feet, with 10-inch extra heavy iron pipe.

Appropriation \$225.00; expenditure \$173.82; balance \$51.18.

**Princeton Street Sewer**

An 8-inch pipe was laid in Princeton Street, from Broadway east, for a distance of 366 feet.

Appropriation \$550.00; expenditure \$476.79; balance \$73.21.

**Whitwell Avenue Sewer**

The sewer in Whitwell Avenue was extended this year to Peckham Avenue, a distance of 300 feet, 8-inch pipe. This sewer is also a part of the Second Ward Sewerage System.

Appropriation \$175.00; expenditure \$150.21; balance \$24.79.

**Second Ward Sewerage System****CONSTRUCTION**

The electric pumps being in perfect running order at the expiration of six months from date of installation, the contractors, Messrs. Scannevin and Potter, were paid the balance retained by the city as per agreement, amounting to \$549.40.

**Maintenance**

Repairs have been made to some of the sewers connected with this system, and we now have about all the leaks under control, so that the cost of electric power has been reduced from \$162.63 to about \$26.00 per month. Of course every new connection which enters this system will increase the cost of maintenance, making it almost impossible to exactly estimate the expense for electric power in any one year. Average cost per month for electric power this year, \$63.60.

The electric pumps receive daily attention from Chief Foreman Burdick, and the cost of maintenance, other than the electric power, is limited to a very small amount.

Appropriation \$1500.00; expenditure \$897.32; balance \$602.68.

**Ashhurst Place****(Unfinished Work)**

In accordance with my recommendation, an appropriation was made this year to make the improvements to Ashhurst Place, which was started and continued.

Appropriation \$1200.00; expenditure \$917.97; balance \$282.03.

**Ocean Avenue Sea Wall****(Unfinished Work)**

\$1000.00 of Ocean Avenue was again extended this fall for a distance of 125 feet, and is now completed.

Appropriation \$1000.00; expenditure \$1,397.93; balance, \$102.07.

As the sea wall at Ocean Avenue has been extended, an appropriation has been made to build a new sea wall at the foot of the old one for the purpose of protecting the old one from being washed away by the action of



the heavy surf at high tide, during stormy weather. The total length of the wall built is 1,586 feet, and it not only affords a protection to the roadbed, but makes a very fine improvement to that part of the Ocean Drive. The total cost for building this sea wall was \$5,918.05.

Within two or three years, the sea wall near Kennedy's, which was built in 1903-9, should be extended westerly, as I find that the high tides at this point are wearing away the shore. This wall received some repairs this year, the expense of which was \$83.32.

The sea wall opposite Mr. T. M. Davis' estate was also repaired during the season at a cost of \$287.56.

Wellington Avenue wall was repaired at an expense of \$104.93.

#### **Sheffield Avenue**

(Unfinished Work)

The completion of the turnpiking and macadamizing of the roadbed of Sheffield Avenue was made possible this year by an appropriation for same.

Appropriation \$600.00; expenditure \$579.06; balance \$20.94.

#### **Malbone Road**

The west side of Malbone Road, between Channing Street and Van Zandt Avenue, received a curb and gutter.

Appropriation \$700.00; expenditure \$630.37; balance \$69.63.

#### **Sea Wall, Cliff Walk Foot of Webster Street**

Last year I reported to your Honorable Body that the sea wall, Cliff Walk, at the extreme west end of Webster street, was in dangerous condition, and in compliance with my recommendation, an appropriation was made to make the necessary repairs.

It was a piece of work that was very difficult to estimate because we could not tell how much would have to be done after the old wall was cleared away. However, we were very fortunate, as we found a good shelf of solid rock about 8 feet from the top, when we expected to be obliged to start the wall from the shore line, a saving of from 10 to 12 feet in height, thereby practically cutting the cost in half.

Appropriation \$1,500.00; expenditure \$762.95; balance \$737.05.

#### **Wellington Avenue**

Wellington Avenue, from Halidon Avenue east, was macadamized for a distance of 610 feet. With the widening of the Avenue at this point completes a very enjoyable boulevard along the harbor front.

Appropriation \$2,000.00; expenditure \$1,970.21; balance \$29.79.

**LaSalle Place**

A curb and gutter was laid on the west side of La Salle Place. Appropriation \$730.00; expenditure \$619.04, balance \$110.96.

**Anthony Street**

Anthony Street was improved with a curb and gutter laid on the west side of the street, and the roadbed was re-macadamized.

Appropriation \$750.00; expenditure \$722.74; Balance \$27.26.

**County Street**

The roadbed of County Street was turnpiked and macadamized, and the sidewalks were shaped up. This is one of the new streets laid out through the Stanton Plat, off of Broadway.

Appropriation \$950.00, expenditure \$902.06; balance \$47.94.

**Slocum Street**

The appropriation originally made for the improvement to Slocum Street was to lay a curb and gutter on the west and south side of the street, but, at a meeting of the Representative Council held March 7, a resolution was passed to lay a curb and gutter on the east side of said street, providing a balance was available. Although it was quite a proposition to put up to the department, we managed to complete the work as amended.

Appropriation \$2,000.00; expenditure \$1,996.85; balance \$3.15.

**Lucas Avenue**

A granite curb and gutter was laid on both sides and the roadbed of Lucas Avenue was macadamized.

Appropriation \$3,025.00; expenditure \$2,462.72. balance \$562.28.

**Bush Street**

Bush Street, recently opened up through the Bush estate, between Mann Avenue and Ayrault Street, was turnpiked, and driveways were built at both ends.

Appropriation \$275.00; expenditure \$129.07; balance \$145.93.

**Clinton Street**

Considerable was saved in the cost of grading Clinton Street by the Newport Water Works furnishing many loads of dirt, free gratis, and also by the surplus dirt from the Lucas Avenue improvement.

Appropriation \$500.00; expenditure \$187.38; balance \$312.62.

**Bridge Repairs****VAN ZANDT AVENUE BRIDGE**

The iron work under this bridge was thoroughly cleaned of rust and painted with a priming coat by employees of this department, which, including other minor repairs, amounted to an expense of \$271.97.

The walks on both sides of this bridge should be replanked next year to make it safe for public travel, and the iron work should also receive another coat of paint.

This bridge will need a thorough repairing in the near future.

The repairs to other bridges were as follows, viz.:

Bedlow Avenue bridge.....	\$57 95
Green bridge, Ocean Avenue.....	8 63
Girard Avenue bridge.....	6 78

**Easton's Beach**

Part of the old asphalt sidewalk at Easton's Beach, from the Cliff Walk east, was in a very dangerous condition for public travel, and to avoid any accident that might happen whereby the city would be liable for damages, I rebuilt this walk with granolithic for a distance of 366 feet, at an expense of \$412 97.

As in former years, a man was kept in this locality to clean the roadbeds, mow the grass plats, etc.

**Forty Steps**

The Forty Steps were painted at a cost of \$38.85. The improvements made at this place last fall have been greatly enjoyed by the public during the past summer.

Appropriation \$50.00; balance \$11.15.

**City Piers****ANN STREET PIER**

This pier was repaired under contract with the Newport Shipyard, at a cost of \$160.00. Other minor repairs were made at an expense of \$27.00. Total cost, \$187.00.

**ELM STREET PIER**

Repairs were made to this pier by the Burbidge Company at an expense of \$59.97; supplies 60c.; total cost \$60.57.

**VAN ZANDT AVENUE PIER**

After giving this pier a more thorough examination, I found that the amount appropriated, \$1,000.00, would not be sufficient because

this pier should be renewed entirely. I would recommend that an appropriation be made next year to replace this pier, which is used considerably by the public during the summer season. Repairs were made amounting to \$35.50.

#### City Fountains

A man has occasionally, throughout the year, cleaned the animal drinking fountains, also placed sulphur in the bowls to purify the water. The following fountains have been repaired, viz.:

Bailey's Beach.  
Broadway, near Soldiers and Sailors' Monument.  
Market Square.  
Thames Street, opposite Wellington Avenue.  
Touro Park West.  
Washington Square.  
West Broadway.

Mr. J. K. Sullivan was reimbursed for the installing of the fountain on Washington Square last year, amounting to \$114.82, and a lantern was placed on same by Mr. P. F. Conroy at a cost of \$90.00, in accordance with agreement of acceptance of the fountain by the city from the National Humane Alliance of New York.

No location has yet been designated for the fountain removed from this locality.

Total appropriation for fountains \$504.82; paid Mr. J. K. Sullivan \$114.82, and Mr. P. F. Conroy \$90.00 for lantern; total for Washington Square fountain \$204.82; cleaning \$29.47; repairs \$65. 31. Total expenditure for fountains \$299.60; balance \$205.22.

#### Tree Preservation

The State of New York this year furnished a man, apparatus and the material, and this department furnished a man and a horse, for the spraying of the trees on the highways of the city to exterminate the Elm Leaf-miner and Tussock Moth. Cost of spraying this season was \$41.00 for the man and horse, and for spraying trees \$479.04; total cost \$573.20.

Appropriation \$600.00, leaving a balance of \$26.80.

Twenty-one trees were trimmed and removed, viz.:

Clinton Avenue.  
Cottage Street.  
Dearborn Street.  
Farewell Street.  
Friendship Street.  
Gould Street.  
Park Street.

Trees Trimmed:  
Clinton Avenue.  
Cottage Street.  
Dearborn Street.  
Farewell Street.  
Friendship Street.  
Gould Street.  
Park Street.

**City Floats**

The City Floats at Long Wharf were taken up and thoroughly scraped and repainted at an expense of \$50.00. This being the appropriation, there was no balance.

**City Brows**

The following City Brows were repaired, viz. :

Elm Street.....	\$84 54
Poplar Street.....	45 93
Willow Street.....	17 85
Total.....	\$148 32

Appropriation, \$150.00; leaving a balance of \$1.68.

**Broadway Granolithic Sidewalk**

In accordance with the resolution passed by your Honorable Body on the 18th day of November, this department laid a granolithic sidewalk on the east side of Broadway, in front of the St. Joseph's Church.

It was rather late in the season to lay granolithic with good results, but by taking advantage of the best days possible, and with a large force of mechanics and laborers, we were able to accomplish a very satisfactory result.

Although we were unfortunate in having a very heavy rain storm just as the sidewalk was nearly completed, by working the men all night, they were able to save the granolithic.

Because of the lateness of the season, and the extra work required after the rain storm, the cost of performing the work was considerably increased.

Appropriation \$500.00; expenditure \$454.58; balance \$45.42.

**Sewer Permits**

During the year, 112 permits to connect with sewers were issued, making a total to date of 3,841 since the system was adopted in 1884.

The number and description of fixtures connected were as follows, viz. :

	Previously reported	1912	Total
Water closets.....	3,840	131	3,971
Laundry tubs.....	1,953	145	2,098
Sinks.....	4,557	118	4,675
Bath tubs.....	1,831	88	1,919
Cellar drains.....	1,655	61	1,716

	Previously reported	1912	Total
Bowls.....	628	86	714
Land drains.....	113	2	115
Roofs.....	864	62	926
Furnace pits.....	4	0	4
Stable fixtures.....	59	5	64
Families accommodated.....	4,544	122	4,666
Persons accommodated.....	6,419	366	6,785

#### New Sewers

##### Special sewers :

Albro Street.....	264 ft. of	8-in. Vit. pi	pe
Anthony Avenue.....	127 ft. of	8-in. Vit. pi	pe
Coddington Wharf (extend).....	96 ft. of	10-in. C. I. pi	pe
Princeton Street.....	366 ft. of	8-in. Vit. pi	pe
Whitwell Avenue.....	300 ft. of	8-in. Vit. pi	pe

##### Emergency sewers :

Bush Street.....	128 ft. of	8-in. Vit. p	ipe
Houston Avenue (extend).....	100 ft. of	8-in. Vit. p	ipe
Old Fort Road (extend).....	46 ft. of	8-in. Vit. p	ipe
Peckham Ave. Russell Ave., east....	205 ft. of	8-in. Vit. p	ipe
Vaughan Avenue (extend)....	40 ft. of	8-in. Vit. p	ipe
West Street from Perry Street, north	44 ft. of	8-in. Vit. p	ipe

#### Catch Basins Built

Clinton Street, corner West Narragansett Avenue,  
Harrison Avenue, at Stuart Duncan's,  
Coggeshall Avenue, opposite A. T. Anthony's.

#### Eye-Holes Built

Clinton Street, at West Narragansett Avenue.....	2
Harrison Avenue, opposite Stuart Duncan's.....	1
Gilley Street, at Anthony Building.....	1

#### Sewers Repaired

Art Street Pier overflow,  
Berings Wharf storm overflow,  
Berings Wharf at Court House Street,  
Buss Street,  
East Perry Street,  
Eustis Avenue.

**Fair Street,  
Grafton Street,  
Gidley Street,  
Harrington Street  
Mill Street,  
Mt. Vernon Street,  
Marchant Street  
Market Square,  
Spring Street at Pope Street,  
Sherman Street,  
Stone Street at Broadway,  
Taber Street,  
Thames Street at Webster Street,  
Touro Street at Kay Street,  
West Broadway,  
Welch's lot off Malbone Road,  
Young Street.**

**Culverts Repaired**

**Carroll Avenue at Harrison Avenue,  
Carroll Avenue at Bateman Avenue,  
Coggeshall Avenue at Maher Court,  
Eustis Avenue,  
Harrison Avenue,  
Ocean Avenue.**

**Catch Basins Repaired**

**Bacheller Street,  
Bateman Avenue at Vanderbilt's,  
Broadway at Malbone Road,  
Broadway at Cranston Avenue,  
Catherine Street at Gibbs Avenue,  
Dean Avenue,  
Farewell Street at Walnut Street,  
Kay Street at Everett Street,  
Marsh Street opposite Third Street,  
Mt. Vernon Street at Bull Street,  
Pelham Street at Thames Street,  
Touro Street at Mt. Vernon Street,  
Warner Street at Gould Street,  
West Pelham Street,  
William Street at Thomas Street.**

**Eye-Holes Required**

Bath Road at Cliff Avenue.  
Bath Road at Cliff Walk.  
Catherine Street at Glens Avenue.  
Cross Street opposite Elm Street.  
Cranston Avenue.  
Connecting Street.  
Extension Street.  
Glens Avenue at Bay Street.  
Warrant Street at Third Street.  
Wellington Avenue opposite Roseneath Avenue.  
William Street at Thomas Street.



## PERMITS FOR STREET AND SIDEWALK OPENINGS, ETC.

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Totals
Laying gas services.....				1	1	2	2	2	8	2	2	2	18
Laying gas mains.....				2	1	1	1	2		1	1		7
Extending gas mains.....							2						2
Repairing gas mains.....	1									1	1		2
Repairing gas services.....			2				3		2	1	2		8
Placing gas lamps.....										2	2		2
Electric conduits.....			1	2	2	1		1			2		11
Connecting waste from electric conduits,													5
Electric light repairs.....			1	4	1								2
Telephone conduits.....			1	1				1					2
Repairing street railway track.....							1	2	1	1			5
New Sewers.....					1							1	1
Clearing drains.....	1	3	3			1	2	1		1	1	1	13
Repairing and relaying sewers.....					5		1						8
Repairing city water shut-off.....							1	1					1
Inspecting connection of catch basin.....									1				1
Gutter bridge.....								1	1				3
Laying granolithic sidewalks.....						1		1	1		1		4
Sidewalk lights.....								1					1
Use of sidewalk for building.....								4	2	2	3		16
Laying driveways.....	2			3					1				1
Removing dead tree.....					2					1			1
Fire Alarm.....													2
	4	3	7	14	13	5	12	14	7	16	16	5	116

TABLE 3: MACADAMIZED (NEW WORK)

Location	Time of Comm.	Days Between Hauls	Av Depth Work	Length Feet	Width Feet	Sq Yds	Prod Sq Yd	Cost		Total Cost
								Macadam	Thorough	
A block of Place County Road between Avenue, part of Washington Avenue from Hudson Avenue east	43	0	4 in.	280	14	400	800	\$108 45		\$108 45
	287	17	7 in.	472	32	1,104	656	700 47	\$145 00	808 00
	214	10	8 in.	872	21	1808	687	870 00		870 00
	775	08	12 in.	610	45	3,050	.640	1,070 21		1,070 21
	1,810	71		1,664		6,804		\$8,474 10	\$145 00	\$8,619 70

## STREETS. RE-MACADAMIZED

Street or Avenue	Tons Crushed Stone	Days Steam Roller	Av. Depth Work	Length Feet	Width Feet	Sq. Yds.	Cost per Sq. Yd.	Total Cost
Bridge Street, from Thames to Third Street .....	218	19	4 in.	1,420	18	2,840	.248	\$704.29
Cross Street .....	108	5	6 in.	427	14	664	.447	286.73
Lucas Avenue .....	43	7	3 in.	568	15	946	.168	159.74
	364	31		2,415		4,450		\$1,160.76

## STREETS RE-SURFACED AND ROLLED

Street or Avenue	Tons Crushed Stone	Days Steam Roller	Length Feet	Width Feet	Sq. Yds.	Cost per Sq. Yd.	Total Cost
Anthony Street .....	15	5	354	15	590	.173	\$102.05
Ayrault Street, from Broadway to Kay Street .....	299	18	975	21	2,275	.375	853.25
Bath Road, from Cliff Walk east .....	75	6	700	18	1,400	.154	215.89
Culvert Street .....	99	9	879	17	1,660	.199	330.14
Dennison Street .....	53	6	467	11	570	.335	190.88
Green Street .....	81	3½	494	11	604	.229	138.25
Ochre Point Avenue .....	119	5	900	20	2,000	.149	297.93
West Pelham Street .....	30	8½	300	18	600	.176	105.42
	771	56	5,069		9,699		\$2,233.81

**Crossings Relaid**

Bath Road at Cliff Avenue.....	27 ft. x 6 ft.
Bath Road at Gibbs Avenue.....	37 ft. x 6 ft.
Bellevue Avenue at Victoria Avenue.....	38 ft. x 9 ft.
Bellevue Avenue at Shepard Avenue.....	24 ft. x 12 ft.
Broadway at Bay View Avenue.....	30 ft. x 4 ft.
Broadway at Newport Avenue.....	27 ft. x 4 ft.
Everett Street at Broadway.....	15 ft. x 8 ft.
Kay Street at Rhode Island Avenue.....	42 ft. x 11 ft.
Kay Street at Cranston Avenue.....	24 ft. x 7 ft.
Old Beach Road at Greenough Place.....	21 ft. x 7 ft.
West Marlborough Street at Fire Department.....	20 ft. x 6 ft.
Whittier Avenue at Thames Street.....	14 ft. x 5 ft.

**New Driveways Paved****Granite Blocks :**

Bush Street at Mann Avenue.....	20 ft. x 3 ft.
Bush Street at Ayrault Street.....	20 ft. x 3 ft.
Lucas Avenue at "Brown's".....	16 ft. x 2 ft.
Malbone Road at "Armstrong's".....	25 ft. x 2 ft.
Slocum Street at "Dr. Horseman's".....	13 ft. 5 in. x 2 ft.

**Driveways Relaid**

Bellevue Avenue at "Wetmore's,"
Bellevue Avenue at "Fanchild's,"
Powel Avenue at "Burdick's,"
Prospect Hill Street at No. 8 Engine House.

**New Granite Gutters**

Ashhurst Place.....	478 ft. x 2 ft.
Anthony Street.....	325 ft. x 2 ft.
Clinton Street.....	15 ft. x 2 ft.
La Salle Place, south side.....	329 ft. 6 in. x 2 ft.
Lucas Avenue.....	1,135 ft. x 2 ft.
Malbone Road.....	337 ft. x 2 ft.
Slocum Street.....	1,064 ft. x 2 ft.

**Gutters Repaved****Granite Blocks :**

Bellevue Avenue at Casino.....	250 ft. x 4 ft.
Bellevue Avenue at "Burden's".....	105 ft. x 2 ft.
Bellevue Avenue at "Well's".....	305 ft. x 2 ft.
Bellevue Avenue at "Thomas'".....	175 ft. x 2 ft.

Levin Street near Thomas Street.....	30 ft. x 2 ft.
Ocean Avenue at "Agassiz's".....	475 ft. x 3 ft.
Prescott Hall Road.....	300 ft. x 2 ft.

## Asphalt Blocks :

Bateman Avenue.....	18 ft. x 2 ft. 6 in.
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## Cobble stone :

Ayrault Street.....	100 ft. x 2 ft.
Bath Road, Gibbs Avenue east.....	350 ft. x 2 ft.
Bellevue Avenue at Gordon Street.....	38 ft. x 4 ft.
Bellevue Avenue, Webster Street to Narragan- sett Avenue.....	458 ft. x 2 ft.
Bellevue Avenue at Wetmore's estate.....	90 ft. x 2 ft.
Bellevue Avenue at "Cushing's".....	32 ft. x 3 ft.
Bellevue Avenue at "Whiting's".....	95 ft. x 2 ft.
Bellevue Avenue at "Andrews'".....	100 ft. x 2 ft.
Bellevue Avenue, Wheatland Avenue north, east side.....	2,439 ft. x 2 ft.
Bellevue Avenue, Wheatland Avenue north, west side.....	1,550 ft. x 2 ft.
Broadway at Cranston Avenue.....	150 ft. x 2 ft.
Broadway at Newport Avenue.....	50 ft. x 2 ft.
Broadway at Bay View Avenue.....	100 ft. x 2 ft.
Bull Street, south side.....	600 ft. x 2 ft.
Bull Street, north side.....	250 ft. x 2 ft.
Calvert Street.....	300 ft. x 3 ft.
Catherine Street, Gibbs Avenue west.....	100 ft. x 4 ft.
Catherine Street, Gibbs Avenue east.....	390 ft. x 4 ft.
Catherine Street.....	30 ft. x 3 ft.
Champlin Street, Gibbs Avenue east.....	800 ft. x 3 ft. 6 in.
Cranston Avenue at Ashhurst Place.....	40 ft. x 4 ft.
Charles Street.....	75 ft. x 2 ft.
Dennison Street.....	908 ft. x 2 ft.
Levin Street.....	52 ft. x 2 ft.
Middleton Avenue at Slocum Street.....	73 ft. x 4 ft.
Kay Street at Cranston Avenue.....	45 ft. x 2 ft.

## Bluestone and Cobble :

Bellevue Avenue at Morse estate.....	80 ft. x 2 ft.
Bellevue Avenue at "Gammell's".....	250 ft. x 2 ft.
Bellevue Avenue near Bancroft Avenue.....	1,020 ft. x 2 ft.

## New Granite Curb

Anthony Street, west side.....	325 ft.
Ashhurst Place.....	498 ft. 3 in.

Clinton Street at Catch Basin.....	11 ft.
La Salle Place, south side.....	329 ft. 6 in.
Lucas Avenue.....	1,131 ft.
Malbone Road.....	297 ft. 8 in.
Slocum Street.....	1,050 ft. 6 in.
	<hr/>
	3,642 ft. 11 in.

**New Corners Turned with Old Bluestone**

Annandale Road at Narragansett Avenue.....	16 ft.
Annandale Road at Parker Avenue.....	32 ft.

**Curbs Re-Set**

**Granite :**

Bateman Avenue at Vanderbilt's.....	16 ft.
Bellevue Avenue at Wells' estate.....	305 ft.
Roseneath Avenue, opposite Narragansett Ave..	62 ft.
Thames Street at Century Store.....	46 ft.
West Extension Street.....	20 ft.

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449 ft.

**Bluestone :**

Ayrault Street near Bush Street.....	10 ft.
Bath Road, Cliff Walk east....	100 ft.
Bay View Avenue at Broadway.....	100 ft.
Bellevue Avenue, Parker Avenue south.....	4,024 ft.
Broadway at Cranston Avenue....	100 ft.
Bull Street.....	300 ft.
Dennison Street.....	228 ft.
Kay Street at Cranston Avenue .....	27 ft.
Malbone Road at Channing Street.....	116 ft.
Newport Avenue at Broadway.....	50 ft.

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5,055 ft.

**Streets Patched**

Ann Street, Annandale Road, Atlantic Street, Ayrault Street, Barney Street, Bateman Avenue, Bath Road, Bedlow Avenue, Bliss Road, Bliss Mine Road, Brandt Street, Bridge Street, Briggs Wharf, Broadway, Broadway Pavement, Broadway at One Mile Corner, Brinley Street, Burnside Avenue, Butler Street, Calvert Street, Carroll Avenue, Catherine Street, Champlin Street, Channing Street, Chastellux Avenue, Church Street, City Wharf, Cliff Avenue, Coggeshall Avenue, Collins Street, Congdon Avenue, Connection Street, Cottage

Street, Cranston Avenue, Dean Avenue, Dearborn Street, Dixon Street, Dresser Street, East Bowery Street, Eastnor Road, Easton Beach Road, Elm Street, Farewell Street, Frank Street, Franklin Street, Gardiner Street, Garfield Street, Gibbs Avenue, Girard Avenue, Gould Street, Green Street, Hall Avenue, Halsey Street, Halidon Avenue, Harrison Avenue, Homer Street, Howard Street, Hunter Avenue, Jeffery Road, Kay Street, Kay Street Boulevard, Lawrence Avenue, Ledge Road, Lee Avenue, Levin Street, Lucas Avenue, Malbone Road, Marchant Street, Mann Avenue, Marine Avenue at Bellevue Avenue, Market Square, Marsh Street, Mary Street, Mill Street, Morton Avenue, Mt. Vernon Street, Narragansett Avenue, Oak Street, Ocean Avenue, Ochre Point Avenue, Old Beach Road, Pelham Street, Perry Street, Pleasant Street, Pond Avenue, Pope Street, Poplar Street, Potter Street, Powel Avenue, Prescott Hall Road, Prospect Hill Street, Rhode Island Avenue, Roseneath Avenue, Rousemainere Place, Ruggles Avenue, Second Street, Sherman Street, South Baptist Street, Spring Street Pavement, Spring Street Pavement at Levin Street, Spruce Street, Summer Street, Upper Thames Street, Third Street, Tilley Avenue, Touro Street, Van Zandt Avenue, Walnut Street at Farewell Street, Washington Square, Washington Street, Water Works Road, Warner Street, Webster Street, Wellington Avenue, West Broadway, West Pelham Street, Wheatland Avenue, Whitfield Court, Young Street, Vicksburg Place.

#### Streets Turnpiked

Bush Street.....	300 ft. x 15 ft.	500 Sq. Yds.
County Street.....	472 ft. x 22 ft.	1,154 Sq. Yds.
Clinton Street.....	640 ft. x 26 ft.	1,849 Sq. Yds.
Sheffield Avenue.....	372 ft. x 21 ft.	868 Sq. Yds.
	<hr/> 1,784 ft.	<hr/> 4,371 Sq. Yds.

#### Sidewalks Repaired

##### Granolithic :

Bath Road at Easton's Beach.....	366 ft. x 6 ft. 6 in.
Broadway at Equality Park.....	217 ft. x 10 ft.
Broadway at Newport Avenue.....	5 ft. x 6 ft.
Broadway at Bay View Avenue.....	10 ft. x 6 ft.
Broadway at St. Joseph's Church.....	100 ft. x 10 ft. 5 in.
Broadway at St. Joseph's Church.....	59 ft. x 9 ft. 8 in.

##### Flagstone :

Bull Street.....	50 ft. x 7 ft
Calvert Street.....	250 ft. x 2 ft.



**Brick :**

Bull Street.....	50 ft. x 8 ft.
Bellevue Avenue at King estate.....	380 ft. x 10 ft.
Bowery Street.....	25 ft. x 8 ft.

**Ashes :**

Cottage Street.....	240 ft. x 9 ft.
Equality Park Place.....	66 ft. x 8 ft. 6 in.
Harrison Avenue.....	400 ft. x 5 ft.
La Salle Place .....	328 ft. x 3 ft. 10 in.
Marsh Street.....	60 ft. x 5 ft.
Van Zandt Avenue.....	850 ft. x 6 ft.
Walnut Street.....	425 ft. x 5 ft.
West Marlborough Street.....	185 ft. x 6 ft.

**Dirt :**

Broadway.....	775 ft. x 10 ft.
County Street.....	728 ft. x 8 ft.
Dixon Street.....	60 ft. x 4 ft.
Dean Avenue. ....	50 ft. x 5 ft.
Elm Street.....	80 ft. x 6 ft.
Extension Street.....	250 ft. x 3 ft.
Golden Hill Street.....	50 ft. x 4 ft.
Green Street.....	243 ft. x 5 ft.
Holland Street.....	100 ft. x 3 ft.
Levin Street.....	115 ft. x 4 ft.
Prospect Hill Street.....	180 ft. x 4 ft.
Thomas Street.....	40 ft. x 4 ft.
Webster Street.....	20 ft. x 4 ft.

**Sidewalks Patched**

**Granolithic :**

Long Wharf.....
Pope Street.....
Rhode Island Avenue.....
Sherman Street.....
Spring Street.....
Thames Street at "Seabury's".....
Thames Street at West Howard Street....

**Ashes :**

Marsh Street.....
Third Street.....
Van Zandt Avenue.....
Walnut Street.....
West Marlborough Street.....

## Brick :

Market Square . . . . .  
 Mann Avenue. . . . .  
 Thames Street at "Harrington's" . . . . .

## Dirt :

Mill Street . . . . .  
 Narragansett Avenue . . . . .  
 Pond Avenue. . . . .  
 Thomas Street. . . . .  
 Webster Street. . . . .  
 West Broadway. . . . .

## Flag :

Thames Street at "Clarke's" . . . . .  
 Thames Street at Touro Street. . . . .  
 Thames Street at "Bailey's" . . . . .  
 Touro Street. . . . .

## Plank :

Whitfield Court. . . . .

## Sea Walls Built

Ocean Avenue . . . . .	528 ft. x 6 ft. 7 in. x 2 ft. 8 in.
	27 ft. x 9 ft. 3 in. x 6 ft.
	27 ft. x 7 ft. x 3 ft. 6 in.
Webster Street at Cliff Walk. . . . .	14 ft. 6 in. x 2 ft. x 2 ft.
	14 ft. x 2 ft. 4 in. x 5 ft. 3 in.

## Sea Walls Repaired

Ocean Avenue opp. "Kennedy's" . . . . .	10 ft. x 3 ft. x 4 ft.
Ocean Avenue opp. "T. M. Davis" . . . . .	236 ft. x 3 ft. of concrete footing
Wellington Avenue foot of Halidon Avenue. . . . .	

## COMPARATIVE STATEMENT OF FUEL CONSUMED BY DEPARTMENT

	1910			1911			1912		
	Tons	Cds.	Cost	Tons	Cds.	Cost	Tons	Cds.	Cost
Cumberland Coal at \$5.45.....							116		\$682.23
Cumberland Coal at 5.25.....	149-1800		787.00						
Cumberland Coal at 5.20.....				178-1800		904.28			
Egg Coal at 7.00.....							82		574.00
Egg Coal at 6.87.....	109-1380		753.54						
Egg Coal at 6.85.....				121		628.85			
Stove Coal at 7.00.....							22		154.00
Stove Coal at 6.87.....	22-104		151.50	3		20.61			
Stove Coal at 6.85.....				23		157.55	3		20.55
Stove Coal at 6.80.....	3-1966	26½	27.08						
Pine Wood at 9.75.....			257.94		33-7	330.19		38-7	378.98
	285-1250	26½	\$1977.06	320-1800	33-7	\$2241.48	223	38-7	\$1759.76

### Forage Consumed at City Stable during the Municipal Year of 1912

[illegible]

# INVENTORY OF PROPERTY BELONGING TO THE DEPARTMENT OF HIGHWAYS AND BRIDGES

## Office

1	Victor safe.....	\$180 00
1	Iron safe (City Yard office, Long Wharf) .	25 00
1	Iron safe (loaned License Commissioners)	140 00
1	Large steel filing case. . . . .	150 00
1	Small steel filing case. ....	97 00
1	Large fireproof cabinet.....	390 00
	Furniture, clock, stoves, desk, copypress, etc.....	55 00
1	Engineer's transit.....	250 00
1	Set Engineer's drafting instruments.....	5 50
1	Plummet lamp.....	5 00
1	Exploding battery.....	25 00
1	Engineer's level and rod.....	50 00

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\$1,372 50

## Wharf and Stable

1	Standard scale.....	\$295 00
10	Horses.....	1,500 00
3	Stone wagons.....	300 00
4	Dump carts.....	80 00
2	Two-horse steel dump carts . . . . .	300 00
2	Two-horse steel dump carts (old) . . . . .	50 00
3	One-horse steel dump carts.....	375 00
1	Double gear.....	75 00
1	Single gear.....	50 00
1	Express wagon.....	50 00
1	Street sweeper.....	10 00
1	Two-horse roller.....	200 00
8	One-horse watering carts . . . . .	400 00
9	Two-horse watering carts.....	900 00
4	Sets double harness.....	150 00
4	Sets cart harness.....	20 00
4	Sets single wagon harness.....	20 00
5	Waterproof covers.....	5 00
10	Woolen blankets.....	10 00
9	Baker Blankets.....	9 00
9	Stable forks.....	4 50
2	Wagon jacks.....	1 00
3	Steam road rollers.....	9,000 00
2	Stone trucks.....	20 00

1	Patrol wagon.....	\$2 00
8	Iron wheelbarrows.....	80 00
2	Lawn mowers.....	5 00
1	Derrick, complete.....	150 00
1	Controlling nozzle and pipe.....	10 00
6	Spanner wrenches.....	2 50
7	Hydrant wrenches.....	7 00
2	Ship pumps and hose (50 ft).....	75 00
52	Lanterns and globes.....	26 00
1	Gravel screen.....	6 00
1	Tree pruner.....	1 00
6	Ice picks.....	1 50
2	Cast iron stoves.....	25 00
4	Jack screws.....	8 00
1	Asphalt pot.....	3 00
2	Babbitt pots.....	2 00
2	Tar kettles on wheels.....	266 00
2	Claw hammers.....	.30
2	Machinist hammers.....	1 00
1	Asphalt repair plant and tools, complete..	400 00
6	Asphalt maddocks.....	6 00
3	Three-inch augers.....	12 00
4	Small augers.....	2 00
1	Set bits.....	2 00
1	Breast drill.....	2 00
4	Crosscut saws.....	6 00
2	Bit stocks.....	4 00
8	Hand saws.....	4 00
1	Wood saw.....	1 00
1	Hack saw.....	1 00
1	Straight edges.....	4 00
2	Plows.....	25 00
2	Stone axes.....	3 00
20	Cutting tools.....	2 00
7	Hand drills.....	2 50
20	Hammer heads.....	21 00
6	Hammer heads.....	6 00
1	Hammer heads.....	3 00
1	Hammer heads.....	19 00
1	Hammer heads.....	24 00
1	Hammer heads.....	4 50
1	Hammer heads.....	16 50
1	Hammer heads.....	7 50
1	Hammer heads.....	2 00
1	Hammer heads.....	9 50
1	Hammer heads.....	2 00

# REPORT OF STREET COMMISSIONER

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3	Trench braces.....	\$18 00
3	Maddocks.....	1 50
3	Iron Rakes.....	2 25
2	Tape measures.....	1 00
1	Steel tape measure.....	7 50
4	Guard pins and ropes.....	4 80
2	Manhole guards.....	5 00
1	Hydrant valve.....	2 00
4	Tool boxes.....	10 00
3	Sets blocks and falls.....	15 00
0	Stilson wrenches.....	10 00
5	Monkey wrenches.....	2 50
2	Pair chain tongs.....	10 00
1	Bolt cutter.....	50
3	Bench vises.....	12 00
1	Flush tank.....	30 00
1	24-inch manhole cover and rim.....	9 50
0	Long handle shovels.....	10 00
2	Short handle shovels.....	9 00
1	Stone roller.....	25 00
7	Large axes.....	10 50
5	Ox chains.....	5 00
4	Spades.....	4 00
4	Scythes and blades.....	6 00
3	Squares.....	3 00
1	Trowel.....	50
0	Hoes.....	6 00
2	Pair oilskin pants.....	2 00
2	Suits oilskins.....	4 00
4	Pair rubber boots.....	20 00
6	Pipe wrenches.....	3 00
3	California pumps.....	4 50
2	Smoothing trowels.....	1 50
1	Pair trimming shears.....	4 50
2	Step ladders.....	2 00
1	Joiner (granolithic tool).....	1 00
1	Emery wheel.....	5 00
1	Set wood chisels.....	10 00
3	Planes.....	6 25
2	Screw drivers.....	1 00
1	Set dies and tape.....	15 00
1	Bevel.....	1 00
1	Pipe cutter.....	1 00
1	Painter's torch.....	1 50
2	Sets stencils.....	3 00
1	Hatchet.....	50

## REPORT OF STREET COMMISSIONER

3	50-gallon oil cans	\$12 00	
2	funnels	50	
2	1 gallon measures	1 00	
1	Blacksmith's portable forge	12 60	
1	Pair snips	2 00	
1	Set sewer cleaning rods and fittings	50 00	
5	Sewer brushes	73 00	
1	Soldering iron	1 50	
1	Ratchet drill and 15 drills	18 00	
2	Iron clamps	1 00	
1	Drawing knife	1 00	
1	Extension bit	1 25	
1	Norton jack (15 ton)	48 00	
1	Extension ladder (30 ft.)	3 00	
1	Ladder (18 ft.)	2 00	
1	Upright self-feeding drill and 14 drills	29 00	
3	Five-gallon oil cans	3 00	
			\$15,650 45

## Settling Tank

1	Centrifugal pump and fittings	\$300 00	
1	Hoisting engine	300 00	
1	Boiler	365 00	
			\$965 00

## Quarry

1	Crusher engine and boiler	\$4,500 00	
1	Fairbanks' scales	100 00	
1	Bel lows	15 00	
2	Vises	10 00	
1	Anvil	7 00	
1	Chain fall	10 00	
1	Clock	3 50	
1	McKiernan steam drill and fittings	296 00	
			\$4,941 50

## Ocean Avenue

	Steam engine, pump and tanks	\$500 00	
	Steam engine and pump formerly at Ocean Avenue	500 00	
			\$1,000 00

## Collins' Beach

	Steam engine and pump	\$500 00	
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## Hazard's Beach

	Steam engine and pump	\$700 00	
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**Long Wharf**

1 Steam boiler, pump and tank.....	\$300 00
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**Second Ward Sewerage System**

Pump house, tank, electric motors and pumps, etc.....	\$7,500 00
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\$32,929 45

**STATEMENT OF CASH RECEIVED AND DEPOSITED WITH  
THE CITY TREASURER DURING THE  
MUNICIPAL YEAR OF 1912**

<b>General Fund</b>		<b>Highway Fund</b>	
Wharfage.....	\$223 89	Labor.....	\$65 36
Weighing.....	221 60	Materials.....	54 26
Permits.....	111 50	Relaying roadbeds....	455 00
Street Sweepings.....	489 00	Texas Oil Co. refund..	5 79
Manure.....	31 50	Use of tar kettle ....	2 50
Empty barrels.....	46 85	Use of pump.....	91 00
Old stone.....	51 25	Donation, Dustoline..	200 00
Asphalt blocks.....	21 50		
	<hr/>		<hr/>
	\$1,197 09		\$873 91

**RECEIPTS AND EXPENDITURES OF ACCOUNTS IN CHARGE  
OF THE DEPARMENT OF HIGHWAYS AND BRIDGES  
FOR THE MUNICIPAL YEAR 1912**

**Receipts**

Appropriation.....	\$124,732 72
Appropriation, Refuse Disposal (Additional).....	2,000 00
Appropriation, Broadway Granolithic Sidewalk.....	500 00
Cash received and deposited with the City Treasurer to the credit of the Highway Fund, as per above state- ment.....	873 91
	<hr/>
	\$128,106 63

**Disbursements**

Paid for labor.....	\$92,857 88
Paid for materials.....	26,501 63
Balance unexpended.....	8,747 12
	<hr/>
	\$128,106 63

REPORT OF STREET COMMISSIONER

EXPENDITURES, ALLOWED, APPROPRIATIONS, DEPOSITS WITH CITY TREASURER, DISBURSEMENTS  
IN THE ACCOUNTS OF ACCOUNTS IN CHARGE OF THE DEPARTMENT OF HIGHWAYS  
AND BRIDGES DURING THE MUNICIPAL YEAR OF 1912

	Appropriations	Deposits City Treas.	Total Appro.	Disburse- ment	Balance
1. PUBLIC UTILITIES AND MEASURES					
1.1. Public Utility Wharf	\$100.00	\$	\$400.00	\$348.92	\$51.08
2. PUBLIC SAFETY					
2.1. Public Crossings	50.00		50.00	0.85	49.15
3. PUBLIC SANITATION					
3.1. Sanitation	2,702.50		2,702.50	2,010.04	692.46
3.2. Street Cleaning	30,000.00		30,000.00	29,002.41	997.59
3.3. Refuse Disposal	10,000.00		10,000.00	9,704.87	295.13
3.4. Labor at Dumps, Supplies, etc	1,500.00		1,500.00	1,480.21	19.79
3.5. Collection and Disposal	8,500.00	91.00	8,591.00	8,454.20	136.80
3.6. Sewers and Sewerage Disposal	600.00		600.00	451.00	149.00
3.7. Settling Tank, clean, etc	1,500.00		1,500.00	897.82	602.18
3.8. Second Ward Sewerage System					
3.8.1. Construction	549.40		549.40	549.40	
3.8.2. Second Ward Sewerage System, balance due on contract of 1911	275.00		275.00	174.92	100.08
3.8.3. Albro Street Sewer	150.00		150.00	109.87	40.13
3.8.4. Anthony Avenue Sewer	225.00		225.00	173.82	51.18
3.8.5. Codrington Wharf Sewer	550.00		550.00	470.70	79.30
3.8.6. Princeton Street Sewer	175.00		175.00	150.21	24.79
3.8.7. Whitwell Avenue Sewer					
TOTAL	\$58,780.90	\$91.00	\$58,871.90	\$55,154.22	\$3,723.08

## PUBLIC HIGHWAYS AND BRIDGES

6.0—Supervision.....	\$3,811.00		\$3,811.00	\$3,673.72	\$137.28
6.2—Street repairs.....	20,000.00		20,532.91	20,531.93	50.98
6.2—Bellevue Avenue, asphalt macadam.....	7,000.00		7,000.00	6,468.08	531.92
6.2—Sea Wall repairs.....	500.00		500.00	475.81	24.19
6.2—City Yard building repairs.....	100.00		100.00	93.86	.14
6.2—Horses.....	750.00		750.00	125.00	625.00
6.3-4-5—CONSTRUCTION					
Ashhurst Place, curb and macadamize.....	1,200.00		1,200.00	917.97	282.03
Anthony Street, curb west side and macadamize.....	750.00		750.00	722.74	27.26
Broadway, granolithic sidewalk.....	500.00		500.00	454.53	45.42
Bush Street, turnpike, etc.....	275.00		275.00	129.07	145.93
Clinton Street, grading.....	500.00		500.00	187.38	312.62
County Street, macadam, etc.....	950.00		950.00	902.06	47.94
LaSalle Place, curb south side.....	730.00		730.00	619.04	110.96
Lucas Avenue, curb and macadamize.....	3,025.00		3,025.00	2,462.72	562.28
Malbone Road, curb west side, from Channing Street to Van Zandt Avenue.....	700.00		700.00	630.37	69.63
Ocean Avenue, sea wall.....	2,000.00		2,000.00	1,897.93	102.07
Sheffield Avenue, macadam.....	600.00		600.00	579.06	20.94
Slocum Street, curb.....	2,000.00		2,000.00	1,996.85	3.15
Webster Street, sea wall.....	1,500.00		1,500.00	762.95	737.05
Wellington Avenue, macadam.....	2,000.00		2,000.00	1,970.21	29.79
6.6—Snow removal.....	3,500.00		3,500.00	1,466.11	2,033.89
6.8—Street Sprinkling.....	13,500.00	200.00	13,700.00	13,677.69	22.31
6.9—Bridge Repairs.....	350.00		350.00	345.33	4.67
	\$66,241.00	\$782.91	\$67,023.91	\$61,096.46	\$5,927.45

## REPORT OF STREET COMMISSIONER

	Appropriations	Deposits City Treas.	Total Appra.	Disbursements	Balance
PUBLIC RECREATIONS					
9.5 -Bathing Benches.....	\$500.00		\$500.00	\$495.96	\$4.06
Forty Steps .....	50.00		50.00	38.85	11.15
City Piers .....	1,000.00		1,000.00	286.07	713.93
	\$1,550.00		\$1,550.00	\$820.87	\$729.13
PUBLIC RECREATIONS, MISCELLANEOUS					
9.7 City Fountains.....	\$504.82		\$504.82	\$299.60	\$205.22
Tree Preservation .....	600.00		600.00	578.20	21.80
	\$1,104.82		\$1,104.82	\$872.80	\$232.02
PUBLIC DOCKS AND WHARVES					
10.7—City Wharf.....	\$900.00		\$900.00	\$858.07	\$41.93
City Floats.....	50.00		50.00	50.00	
City Bows.....	150.00		150.00	148.32	1.68
	\$1,100.00		\$1,100.00	\$1,056.39	\$43.61
SUMMARY					
Public Weights and Measures.....	\$400.00	\$	\$400.00	\$348.92	\$51.08
Public Safety.....	50.00		50.00	9.86	40.15
Public Sanitation.....	56,786.90	91.00	56,877.90	55,154.22	1,723.68
Public Highways and Bridges.....	66,241.00	782.91	67,023.91	61,090.46	6,027.45
Public Recreations.....	1,550.00		1,550.00	820.87	729.13
Public Recreations, Miscellaneous.....	1,104.82		1,104.82	872.80	232.02
Public Docks and Wharves.....	1,100.00		1,100.00	1,056.39	43.61
	\$127,232.72	\$873.91	\$128,106.63	\$119,359.51	\$8,747.12

**SUMMARY OF EXPENDITURES OF THE DEPARTMENT OF  
HIGHWAYS AND BRIDGES FOR THE MUNICIPAL  
YEAR OF 1912**

	Labor.	Materials.	Total.
<b>Public Weights and Measures.</b>			
.7 City Scales, Install new scales.	\$42 28	\$299 64	\$341 92
City Scales, Supplies, etc...	2 00	5 00	7 00
	<hr/> \$44 28	<hr/> \$304 64	<hr/> \$348 92
<b>Public Safety.</b>			
.8 Railroad Crossing, Elm Street..	\$1 59	\$8 26	\$9 85
<b>Public Sanitation.</b>			
.0 Supervision .....	\$2,560 69	\$49 35	\$2,610 04
.1 Street Cleaning:			
Cleaning Streets.....	17,203 34	258 24	17,461 58
Cleaning Thames Street.....	4,841 27	590 63	5,431 90
Cleaning Spring Street.....	1,955 76	68 87	2,024 63
Cleaning Broadway.....	1,748 13	121 92	1,870 05
Cleaning Long Wharf.....	746 35	44 96	791 31
Cleaning Bellevue Avenue....	2,332 94		2,332 94
.2 Refuse Disposal:			
Collection and Disposal.....	9,043 85	660 52	9,704 37
Labor at Dumps, etc.....	1,434 38	4 83	1,439 21
.3 Sewers and Sewage Disposal:			
Cleaning Main sewers.....	2,563 03	248 19	2,811 22
Sewer Repairs:			
General Repairs sewers.....	408 76	126 97	535 73
Bliss Road.....	232 74	11 23	243 97
Main Sewer Outlet.....	26 71	3 96	30 67
Taber Street.....	367 24	33 27	400 51
Thames Street at Webster Street	19 44	14 99	34 43
Water Works Road.....	65 57	29 68	95 25
Emergency Sewers (Construction):			
Bush Street sewer.....	138 36	43 63	181 99
Houston Ave. sewer, Extend	50 12	19 62	69 74
Old Fort Road sewer, Extend..	52 92	10 09	63 01
Peckham Ave. sewer.....	112 65	32 80	145 45
Vaughan Ave. sewer Extend.	28 99	9 36	38 35
West Street sewer.....	54 57	11 19	65 76
Cleaning catch basins and eyes.	2,549 17	519 07	3,068 24
Repairs catch basins and eyes..	206 52	52 83	259 35

## REPORT OF STREET COMMISSIONER

Build catch basins and eyes.....			
Clinton Street eye.....	\$30 05	\$4 27	\$34 32
Clinton Street catch basin and eye.....	85 66	36 33	121 99
Coggeshall Ave. catch basin..	50 45	23 42	73 87
Gidley Street catch basin.....	23 54	15 65	39 19
Harrison Ave. catch basin and eye.....	95 49	45 67	141 16
5.3 Settling Tank, clean and repair.	350 68	100 98	451 66
5.3 Second Ward Sewerage System.	119 66	777 66	897 32
5.3 CONSTRUCTION:			
Second Ward Sewerage System:			
Balance of Contract.....		549 40	549 40
Special Sewers:			
Albro Street sewer.....	131 12	43 80	174 92
Anthony Avenue sewer.....	85 61	24 26	109 87
Coddington Wharf sewer. Extend.....	76 73	97 09	173 82
Princeton Street sewer.....	415 30	61 49	476 79
Whitwell Avenue sewer.....	95 15	55 06	150 21
	<u>\$50,352 94</u>	<u>\$4,801 28</u>	<u>\$55,154 22</u>

## Public Highways and Bridges.

6.0 Supervision.....	\$2,747 14	\$926 58	\$3,673 72
6.2 Street Repairs:			
General repairs to streets.....	2,446 82	1,115 16	3,561 98
Pavement Repairs:			
Broadway.....	459 28	340 30	799 58
Spring Street.....	586 94	369 02	955 96
Thames Street at Narragansett Ave.....	28 18	10 02	38 20
Thames Street at No. 6 Fire Station.....	11 36	2 50	13 86
Thames Street at Clarke's....	3 11	1 79	4 90
Repairs Macadam:			
Ayrault Street, Kay Street, east.....	66 80	22 00	88 80
Bath Road.....	41 32	10 37	51 69
Bellevue Ave., LeRoy Ave., north.....	698 71	190 47	889 18
Bellevue Ave., (Patching)...	16 69	6 47	23 16
Bliss Mine Road.....	44 00		44 00
Broadway, Equality Park, north.....	318 58	87 30	405 88
Broadway at Court House....	133 16	59 86	193 02

# REPORT OF STREET COMMISSIONER

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Carroll Avenue.....	\$43 44	\$6 49	\$49 93
Church Street.....	315 26	64 05	379 31
Easton's Beach Road.....	349 97	73 95	423 92
Girard Avenue.....	77 53		77 53
Harrison Avenue .....	728 83	160 03	888 86
John Street .....	69 81	28 75	98 56
Malbone Road.....	162 76	42 09	204 85
Marchant Street.....	130 82	27 41	158 23
Mary Street.....	231 93	47 34	279 27
Narragansett Avenue.....	260 66	75 13	335 79
Ocean Avenue....	1,074 47	282 80	1,857 27
Park Place.....	28 24	8 42	36 66
Pelham Street, Thames to Spring .....	86 90	23 62	110 52
Ridge Road .....	97 97	23 54	121 51
Second Street.....	76 17	26 88	103 05
Thames Street (Upper) .....	6 93	2 86	9 79
Third Street.....	106 83	38 97	145 80
Touro Street.....	6 58	3 09	9 67
Washington Square.....	26 36	10 37	36 73
Washington Street.....	80 20	24 09	104 29
Water Works Road.....	77 00		77 00
Webster Street.....	135 35	40 66	176 01
Wellington Ave., Thames St., west .....	71 39	14 41	85 80
West Broadway, Marlborough north .....	225 19	96 49	321 68
Pelham Street, Asphalt on quarters.....	18 01	9 00	27 01
Re-surface Macadam:			
Ayrault Street, Broadway to Kay Street.....	671 66	181 59	853 25
Bath Road, Cliff Walk, east...	178 73	37 16	215 89
Calvert Street.....	254 32	75 82	330 14
Dennison Street.....	146 38	44 50	190 88
Green Street.....	106 78	31 50	138 23
Ochre Point Avenue.....	236 85	61 08	297 93
West Pelham Street.....	83 09	22 33	105 42
Re-Macadam			
Bridge Street, Thames Street, west.....	543 12	161 17	704 29
Cross Street.....	238 85	57 88	296 73
6.2 Bellevue Ave. Asphalt Macadam	1,116 04	5,352 04	6,468 08
Re-Set Curb			
Bellevue Avenue.....	1,306 73	236 78	1,543 51

## REPORT OF STREET COMMISSIONER

Broadway at Bay View Ave...	\$11 55	\$2 07	\$13 62
Bull Street .....	156 99	29 32	186 31
Cranston Ave. at Broadway...	24 67	2 16	26 83
Cranston Ave. at Kay Street...	15 83	1 23	17 06
Malbone Road at Channing St.	10 12		10 12
Roseneath Avenue.....	25 65	5 14	30 79
Thames Street front Century Store.....	27 78	6 76	34 54
West Extension Street .....	5 93	1 18	7 11
New corner curb (old bluestone)			
Annandale Road at Parker Ave	52 08	13 41	65 49
Annandale Road at Narragansett .....	24 85	6 07	30 92
Gutters repaired and relaid.....			
General repairs .....	123 94	24 14	148 08
Bellevue Avenue.....	33 77	4 40	38 17
Bellevue Ave. at Casino.....	54 41	11 23	65 64
Catherine Street .....	94 24	17 24	111 48
Champlin Street.....	222 67	51 25	273 92
Dennison Street .....	139 34	28 16	167 54
Middleton Avenue .....	16 80	1 95	18 75
Morgan Court.....	11 36	1 79	13 15
Ocean Ave. at Perry estate ..	129 27	9 40	138 67
Ocean Ave. at Agassiz estate...	18 50	2 01	20 51
Prescott Hall Road .....	66 45	14 42	80 87
Ruggles Avenue (Asphalt)...	20 17	14 59	34 76
Crossings, repair and relay...	136 58	18 36	154 94
Driveways, repair and relay...	11 55	1 44	12 99
Bellevue Ave. at Fairchild's ..	18 36	1 79	20 15
Prospect Hill Street, No. 8 Fire Station .....	15 30	2 06	17 36
Sidewalk Repairs:			
General repairs to sidewalks...	540 20	153 53	693 73
Bellevue Ave., west side,			
Bowery Street, north .....	119 24	23 47	142 71
Bowdway at Equality Park ..	204 97	124 14	329 11
Conant Street .....	79 78	3 45	83 23
Elliot Place .....	25 15		25 15
Elliot Road .....	101 74		101 74
Truitt Street .....	25 48	11 44	36 92
Wentworth Court .....	8 25	5 75	14 00
6-2 City Yard building repairs ..	35 62	64 24	99 86
6-2 Saw Wood Repairs:			
Ocean Ave. opposite Davis' ..	228 78	58 78	287 56
Ocean Avenue near Kennedy's ..	69 66	13 66	83 32
Wellington Avenue .....	97 72	7 21	104 93



# REPORT OF STREET COMMISSIONER

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6.2 Horses .....	\$	\$125 00	\$125 00
6.3-4-5 Construction :			
Anthony Street, curb West side, etc.....	348 75	373 99	722 74
Ashhurst Place, curb and macadam.....	664 13	253 84	917 97
Broadway granolithic sidewalk	317 06	137 52	454 58
Bush Street, turnpike, etc....	106 34	22 73	129 07
Clinton Street, grading .....	165 28	22 10	187 38
County Street, macadam, etc.	773 71	128 35	902 06
LaSalle Place, curb south side	263 52	355 52	619 04
Lucas Ave., curb and macadam	1,195 28	1,267 44	2,462 72
Malbone Road, curb west side, from Channing Street to Van Zandt Avenue.....	274 50	355 87	630 37
Ocean Avenue, sea wall.....	1,520 24	377 69	1,897 93
Sheffield Avenue, macadam...	463 11	115 95	579 06
Slocum Street, curb.....	849 44	1,147 41	1,996 85
Webster Street, sea wall at Cliff Walk.....	508 13	254 82	762 95
Wellington Avenue, macadam	1,623 81	346 40	1,970 21
6.6 Snow removal .....	1,290 77	175 34	1,466 11
6.8 Street sprinkling :			
Watering, repairs.....	1,071 43	291 05	1,362 48
Watering, applying.....	8,652 15	401 52	9,053 67
Applying Dustoline.....	162 39	3,099 15	3,261 54
6.9 Bridge repairs :			
Bedlow Avenue.....	40 81	17 14	57 95
Green Bridge, Ocean Avenue.	2 75	5 88	8 63
Girard Avenue .....	4 94	1 84	6 78
Van Zandt Avenue .....	223 54	48 43	271 97
	\$40,500 11	\$20,596 35	\$61,096 46

## Public Recreations

9.5 Easton's Beach .....	\$375 14	\$120 81	\$495 95
Forty Steps.....	32 30	6 55	38 85
City Piers :			
Ann Street.....		187 00	187 00
Elm Street.....	22 00	38 57	60 57
Van Zandt Avenue.....	22 00	16 50	38 50
	\$451 44	\$369 43	\$820 87

# REPORT OF STREET

## Public Recreations Miscellaneous

7 City Fountains, cleaning.....	\$27 47	\$2 00	\$29 47
City Fountains, repairs.....	3 00	2 25	5 25
Bailey's Beach.....		4 13	7 73
Broadway, near Soldier's and Sailor's Monument.....	3 60	4 73	31 78
Touro Park, west.....	27 05		5 15
Thames Street opp. Welling- ton Avenue.....	5 15	4 85	10 00
Washington Square.....	5 15	2 40	5 40
West Broadway.....	3 00		
Install Washington Square, in- cluding lantern.....	80 89	123 93	204 82
Tree Preservation : Trim and remove.....	423 18	55 86	479 04
Spraying.....	94 16		94 16
	<u>\$672 65</u>	<u>\$200 15</u>	<u>\$872 80</u>

## Public Docks and Wharves

10.7 City Wharf.....	\$736 89	\$121 18	\$858 07
City Floats.....	36 40	13 60	50 00
City Brows :			
Elm Street.....	35 00	49 54	84
Poplar Street.....	17 63	28 30	45
Willow Street.....	8 95	8 90	17
	<u>\$834 87</u>	<u>\$221 52</u>	<u>\$1,056 39</u>

## Summary

Public Weights and Measures....	\$44 28	\$304 64	
Public Safety.....	1 59	8 26	
Public Sanitation.....	50,352 94	4,801 23	5
Public Highways and Bridges..	40,500 11	20,596 35	6
Public Recreations.....	451 44	369 43	
Public Recreations, Miscellane- ous.....	672 65	200 15	
Public Docks and Wharves.....	834 87	221 52	
	<u>\$92,857 88</u>	<u>\$26,501 63</u>	

**DETAIL OF EXPENDITURES OF THE DEPARTMENT OF HIGH-  
WAYS AND BRIDGES FOR THE MUNICIPAL  
YEAR OF 1912**

**PUBLIC WEIGHTS AND MEASURES**

**April**

1	Simon Hart, scale books.....	\$2 50
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**May**

2	Providence Scale and Supply Co., 15-ton scale.....	295 00
3	J. K. Sullivan, gravel.....	2 10
4	J. Stacy Brown, stone.....	30
5	City Sealer, testing scales.....	1 00
	Pay rolls.....	39 87

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\$340 77

**December**

6	City Sealer, testing scales.....	1 00
7	Simon Hart, scale books.....	2 50

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\$344 27

**PUBLIC SAFETY**

**April**

1	Wm. M. Harris & Company, lumber.....	\$6 85
2	Highways and Bridges, freight.....	51
	Pay Rolls.....	1 29

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\$8 65

**PUBLIC SANITATION**

**January**

1	H. L. Marsh & Company, cotton bag.....	\$ .25
2	George A. Weaver Company, fork, etc.....	2 03
3	S. W. Coggeshall, fork.....	75
4	Charles S. Goddard, tool repairs.....	30
5	J. M. K. Southwick, rope.....	16 91
6	Boston & Lockport Block Company, rubber washers.....	1 32
7	N. Y., N. H. & H. R. R. Co., freight.....	40
8	John M. Friend, bend.....	25
9	Bay State Street Railway Company, electricity.....	162 90
10	Lynch Brothers, grease cups.....	2 75
11	J. D. Johnston, pine.....	40
12	Alexander J. Fludder, pipe.....	2 66
	Pay Rolls.....	1,792 96

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\$1,983 88

**February**

13	Simon Hart, office supplies.....	\$1 95
14	Charles S. Goddard, cart repairs.....	3 50
15	J. T. O'Connell, rope.....	1 50
16	Bay State Street Railway Company, electricity.....	137 24
	Pay Rolls.....	1,215 35
		<hr/>
		<b>\$3,343 42</b>

**March**

17	Ward Printing Company, printing.....	\$13 00
18	Aquidneck Machine Works and Garage, cart repairs.....	10 10
19	M. F. Shea, cart repairs.....	17 00
20	Charles S. Goddard, repair axle nut.....	50
21	Boston & Lockport Block Company, bolts, etc.....	58
22	Charles S. Goddard, tool repairs.....	40
23	W. L. Nordling, kerosene.....	4 50
24	Charles S. Goddard, tool repairs.....	2 20
25	Newport Water Works, rubber mitts.....	4 35
26	J. K. Sullivan, gravel.....	1 77
27	A. & H. G. Hammett, brick.....	74
28	J. M. K. Southwick, pump, etc.....	3 30
29	Wm. B. Scott & Company, pails.....	1 70
30	George A. Weaver Company, shovel.....	1 65
31	Charles S. Goddard, pails.....	2 00
32	P. F. McDonald, gears.....	25 94
33	M. F. Shea, cart repairs.....	16 00
34	J. K. Sullivan, gravel.....	63
35	Alexander J. Fludder, pipe.....	7 14
36	M. F. Shea, repairing manhole cover.....	1 75
37	S. W. Coggeshall, gate hinges.....	23
38	Bay State Street Railway Company, electricity.....	123 38
	Pay Rolls.....	1,410 81
		<hr/>
		<b>\$4,993 09</b>

**April**

39	John Gladding, Jr., printing.....	\$12 05
40	George H. Carr, pads.....	1 00
41	Wm. B. Scott & Company, brooms.....	90 25
42	Harry L. DeBlois, street hoes.....	12 00
43	Wm. K. Covell, repairing watering pot.....	45
44	Aquidneck Machine Works and Garage, cart repairs.....	4 00
45	John H. Sullivan, refuse disposal, contract.....	389 03
46	T. Mumford Seabury Company, rubber boots.....	15 00

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47	Jas. S. Ramlose, rubber boots and repairs.....	\$20 65
48	Alexander J. Fludder, pipe.....	27 58
49	J. K. Sullivan, gravel.....	35
50	J. T. O'Connell, leather.....	20
51	James P. Taylor, oil pants.....	1 00
52	J. T. O'Connell, oil coat.....	1 25
53	Aquidneck Machine Works and Garage, cart repairs	12 45
54	Charles S. Goddard, cart repairs.....	1 25
55	Alexander J. Fludder, iron frame.....	2 25
56	A. & H. G. Hammett, brick.....	1 00
57	Bay State Street Railway Company, electricity.....	26 87
58	Ralph R. Barker, glass.....	80
59	Alexander J. Fludder, pipe.....	8 16
60	John M. Friend, brick.....	19 00
61	J. K. Sullivan, gravel.....	1 47
62	Alexander J. Fludder, pipe.....	49 64
63	J. K. Sullivan, gravel.....	67
64	John M. Friend, brick.....	50
	Pay Rolls.....	3,975 91
	Vouchers ordered paid by the Board of Aldermen (Assumed)	
	J. J. Dugan, refuse disposal.....	42 38
	P. H. Welch, " ".....	319 12
	J. J. Dugan, " ".....	258 50
		620 00
		<hr/>
		\$10,287 87

## May

65	Vacuum House Cleaning Company, cleaning rugs....	\$ 75
66	Wm. B. Scott & Company, tools.....	11 10
67	S. W. Coggeshall, scoop and rake.....	1 90
68	M. F. Shea, cart repairs.....	8 50
69	Charles S. Goddard, tool repairs.....	30
70	John H. Sullivan, refuse disposal, contract.....	550 26
71	George A. Weaver Company, fork.....	65
72	J. M. K. Southwick, rope, etc.....	2 10
73	Bay State Street Railway Company, electricity.....	117 28
74	Wm. B. Scott & Company, lawn seed.....	2 00
75	Scannevin & Potter, balance contract.....	549 40
76	Alexander J. Fludder, pipe.....	21 08
77	J. K. Sullivan, gravel.....	21
78	Charles S. Goddard, tool repairs.....	60
79	John M. Friend, pipe.....	51 52
80	J. K. Sullivan, gravel.....	56
81	Charles S. Goddard, tool repairs.....	1 20

146	J. K. Sullivan, gravel	\$ 70
149	Jas. P. Taylor, oil suit	2 00
150	Aqueduct Machine Works & Garage, cart repairs	2 50
151	J. K. Sullivan, gravel	1 05
152	Bay State Street Railway Company, electricity	26 47
153	George A. Weaver Company, Emery paper	25
154	Alexander J. Flobber, pipe	5 40
155	J. K. Sullivan, gravel	07
156	D. J. Sullivan, tool repairs	1 05
157	Alexander J. Flobber, pipe	5 61
158	J. K. Sullivan, gravel	6 70
159	D. J. Sullivan & Company, weighing gravel	20
160	Alexander J. Flobber, pipe	68
161	J. K. Sullivan, gravel	2 56
	Pay Rolls	4,444 16
		<hr/> \$37,762 68

## October

162	Wm. B. Scott & Company, brooms	\$21 00
163	S. W. Coggeshall, rake	50
164	D. J. Sullivan, tool repairs	75
165	John H. Sullivan, refuse disposal	200 00
166	John H. Sullivan, refuse disposal, contract	760 07
167	Robert Bloomfield, refuse disposal	50
168	Harold L. Bond Company, sewer brushes	73 00
169	N. Y. N. H. & H. R. R. Co., freight	1 01
170	J. K. Sullivan, gravel	3 45
171	John M. French, cement	5 68
172	A. & H. B. Hammett, cement and lumber	7 05
173	George A. Weaver Company, pails	1 60
174	Charles S. Guichard, pails repaired	2 00
175	M. E. Smeal, cart repairs	14 00
176	Jas. S. Ramsey, rubber boots repairs	1 00
177	J. K. Sullivan, gravel	1 31
178	Alexander J. Flobber, pipe	2 28
179	A. & H. B. Hammett, cement	5 10
180	Wm. B. Scott & Company, fuel	7 00
181	Wm. B. Scott & Company, boots	18 00
182	Wm. B. Scott & Company, rubber boots	16 50
183	Wm. B. Scott & Company, boots	18 50
184	Jas. S. Ramsey, rubber boots	19 50
185	Wm. B. Scott & Company, boots	2 73
186	Wm. B. Scott & Company, boots	2 25
187	Wm. B. Scott & Company, boots	1 10
188	S. W. Coggeshall, rake	12

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89 Bay State Street Railway Co., electricity .....	\$19 80
Pay Rolls .....	5,361 72
	<hr/>
	\$44,330 20

## November

0 Ward Printing Company, paper .....	\$1 25
1 H. L. Marsh & Company, bag. ....	10
2 Charles S. Goddard, cart repairs .....	2 50
3 John H. Sullivan, refuse disposal .....	200 00
4 John H. Sullivan, refuse disposal, contract .....	522 48
5 S. W. Coggeshall, padlock .....	53
6 J. K. Sullivan, use of lighter .....	40 00
7 Alexander J. Fludder, pipe .....	3 76
8 J. K. Sullivan, gravel .....	96
9 Alexander J. Fludder, pipe .....	1 02
0 J. K. Sullivan, gravel .....	21
1 Bay State Street Railway Company, electricity .....	23 00
2 Wm. B. Scott & Company, hammer handle .....	08
3 S. W. Coggeshall, lantern globes, etc .....	78
4 J. T. O'Connell, oakum, etc .....	75
5 A. & H. G. Hammett, lumber .....	6 28
6 J. K. Sullivan, towing scow .....	41 00
7 Pinniger & Manchester, rent of barge .....	50 00
Pay Rolls .....	3,453 26
	<hr/>
	\$48,678 16

## December

3 C. A. Hilcken, backing sewer charts .....	\$72 15
9 O. T. Louis Company, Constancia paper .....	6 60
0 Wm. B. Scott & Company, brooms .....	14 00
1 Wm. K. Covell, repairing watering pot .....	45
2 Charles S. Goddard, cart repairs .....	1 50
3 John H. Sullivan, refuse disposal, contract .....	830 36
4 The Burbidge Company, repairing steps .....	7 15
5 George A. Weaver Company, fork .....	65
6 A. & H. G. Hammett, lumber .....	2 85
7 J. K. Sullivan, gravel .....	84
8 George A. Weaver Company, broom .....	60
9 M. F. Shea, cart repairs .....	1 25
0 J. K. Sullivan, gravel .....	14
1 Alexander J. Fludder, manhole cover and rim .....	7 15
2 Bay State Street Railway Co., electricity .....	19 61
Pay Rolls .....	1,694 79
1/2 of Street Commissioner's salary (assumed) .....	750 00
	<hr/>
	\$52,088 25

## PUBLIC HIGHWAYS AND BRIDGES

## January

1	Providence Telephone Company, service.....	\$44 25
2	C. A. Hilcken, binding annual reports.....	1 00
3	Highways and Bridges, postage.....	1 00
4	Remington Ward, paper.....	2 50
5	Simon Hart, office supplies.....	4 19
6	George H. Carr, office supplies .....	3 10
7	The Birmingham Pen Company, pens.....	2 50
8	Charles S. Goddard, tool repairs.....	30
9	J. Stacy Brown, stone.....	4 24
10	Wm. B. Scott & Company, lantern globes.....	50
11	Patrick Howard, kerosene.....	4 25
12	Harold L. Bond Company, wrenches .....	12 00
13	S. W. Coggeshall, shovel .....	1 45
14	J. K. Sullivan, gravel.....	18
15	James H. Donovan, tool repairs.....	1 00
16	A. & H. G. Hammett, lumber.....	8 97
17	Philip F. Conroy, pipe .....	82
18	Charles S. Goddard, tool repairs.....	50
19	M. F. Shea, tool repairs.....	85
20	J. K. Sullivan, gravel .....	7 58
21	Perry Coal Company, fuel.....	6 85
22	Wright Brothers, paint, etc.....	14 00
23	Ralph R. Barker, brushes.....	14 30
24	Barker Brothers & Company, pipe.....	2 58
25	The Studebaker Corporation, washers, etc.....	17 55
26	Harold L. Bond Company, bolts.....	14 67
27	N. Y., N. H. & H. R. R. Co., freight.....	30
28	Highways and Bridges, express.....	70
29	J. D. Johnston, lumber .....	1 55
30	George A. Weaver Company, screen, etc.....	6 70
31	Charles S. Goddard, cart repairs .....	1 80
	Pay Rolls.....	810 29
		<hr/>
		\$992 47

## February

32	J. B. Parsonage & Son, bond.....	12 50
33	L. C. Smith & Bros. Typewriter Co., carbon .....	6 00
34	Kee Lox Manufacturing Company, ms. covers.....	1 00
35	George H. Carr, paper.....	1 75
36	Wm. P. Clarke, ink.....	1 50
37	Municipal Journal, subscription.....	3 00



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38	Highways and Bridges, postage.....	\$2 00
39	J. K. Sullivan, gravel.....	3 31
40	S. W. Coggeshall, padlock.....	75
41	J. K. Sullivan, gravel.....	31 95
42	Charles S. Goddard, tool repairs.....	80
43	D. J. Sullivan & Company, fuel.....	14 00
44	Wright Brothers, oil.....	6 25
45	Ralph R. Barker, dryer.....	1 50
46	Barker Brothers & Company, pipe.....	50
47	Wm. B. Scott & Company, hammer handle.....	10
48	The Studebaker Corporation, plunger, etc.....	11 00
49	Phineas C. Clark, nuts.....	7 00
50	Charles S. Goddard, cart repairs.....	1 20
51	John F. Sullivan, stone.....	59 14
	Pay Rolls.....	701 95

\$1,859 67

## March

52	Simon Hart, office supplies.....	75
53	Samuel T. H. Ailman, office supplies.....	1 10
54	The Milne Printery, printing.....	5 00
55	The Ward Printing Company, loose leaf ledger.....	18 00
56	John F. Sullivan, stone.....	132 60
57	J. Stacy Brown, stone.....	11 44
58	J. K. Sullivan, gravel.....	7 90
59	J. Irving Shepley, copper.....	3 50
60	S. W. Coggeshall, knobs, etc.....	40
61	George A. Weaver Company, solder.....	1 05
62	Ralph R. Barker, glass.....	35
63	J. K. Sullivan, gravel.....	73
64	D. J. Sullivan & Company, fuel.....	7 00
65	M. F. Shea, cart repairs.....	20 00
66	Charles S. Goddard, cart repairs.....	6 50
67	The Studebaker Corporation, plunger.....	6 20
68	S. W. Coggeshall, screws.....	37
69	A. & H. G. Hammett, lumber.....	4 88
70	J. D. Johnston, lumber.....	5 51
71	Wright Brothers, bronzite.....	11 25
72	Ralph R. Barker, paint.....	2 80
73	Wm. B. Scott & Company, nails.....	20
74	George A. Weaver Company, saw blades, etc.....	1 38
75	A. & H. G. Hammett, lumber.....	7 59
	Pay Rolls.....	648 45

\$2,764 62

## April

76	Providence Telephone Company, service.....	\$44 65
77	John Gladding, Jr., printing .....	4 49
78	George H. Carr, office supplies .....	6 25
79	Blaisdell Paper Pencil Company, pencils .....	1 65
80	Simon Hart, office supplies .....	80
81	City Treasurer, stamped envelopes .....	11 00
82	Highways and Bridges, express and postage .....	2 60
83	The Peckham Company, shovels .....	34 25
84	S. W. Coggeshall, shovels .....	28 25
85	J. D. Johnston, lumber and milling .....	7 25
86	J. T. O'Connell, cotton twine .....	68
87	Wm. B. Scott & Company, pails, etc. ....	5 50
88	George A. Weaver Company, tools .....	8 50
89	J. Stacy Brown, stone .....	68 04
90	John H. Sullivan, cartage stone .....	350 20
91	J. K. Sullivan, gravel .....	117 63
92	D. J. Sullivan & Company, weighing stone and gravel .....	2 30
93	Charles S. Goddard, tool repairs .....	65
94	W. L. Nordling, kerosene .....	4 50
95	J. K. Sullivan, gravel .....	22 79
96	Joseph P. Cotton, stone .....	120 75
97	George A. Weaver Company, shovels .....	3 35
98	S. W. Coggeshall, saw .....	2 25
99	J. T. O'Connell, rope .....	9 90
100	J. D. Johnston, posts .....	12 00
101	D. J. Sullivan, tool repairs .....	1 65
102	D. J. Sullivan & Company, fuel .....	14 00
103	S. W. Coggeshall, saw .....	1 50
104	James H. Donovan, tool repairs .....	50
	Pay Rolls .....	2,260 39
		<hr/> \$5,912 80

## May

105	Ward Printing Company, printing .....	8 50
106	Samuel T. H. Ailman, office supplies .....	4 45
107	Simon Hart, inking pad .....	25
108	John H. Sullivan, cartage stone .....	442 55
109	J. Stacy Brown, stone .....	76 36
110	J. K. Sullivan, gravel .....	60 66
111	D. J. Sullivan & Company, weighing gravel .....	1 60
112	Charles S. Goddard, tool repairs .....	4 75
113	S. W. Coggeshall, nails, etc. ....	5 77
114	George A. Weaver Co., padlock .....	20

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115	W. L. Nordling, kerosene.....	\$4 50
116	The American Asphaltum & Rubber Co., asphalt....	620 55
117	N. Y., N. H. & H. R. R. Co., freight.....	27 67
118	A. & H. G. Hammett, lumber.....	6 60
119	S. W. Coggeshall, nails.....	48
120	Benjamin Easton, horse.....	125 00
121	J. K. Sullivan, gravel.....	5 08
122	J. Stacy Brown, stone.....	70
123	Charles S. Goddard, tool repairs.....	3 72
124	J. K. Sullivan, gravel.....	46 88
125	S. W. Coggeshall, wrenches.....	1 40
126	Robert S. Gash, rubber boots.....	6 50
127	A. & H. G. Hammett, lumber.....	3 00
128	George A. Weaver Company, screws.....	48
129	Lynch Brothers, rubber.....	60
130	J. Irving Shepley, iron.....	10 15
131	Philip F. Conroy, pipe, etc.....	26 77
132	M. F. Shea, cart repairs.....	6 50
133	Charles S. Goddard, cart repairs.....	1 25
134	J. R. Chase, motor cycle repairs.....	5 70
	Pay Rolls.....	3,023 81
		<hr/>
		\$10,445 23

## June

135	Providence Telephone Company, tolls.....	70
136	Ward Priating Company, printing.....	4 00
137	Highways and Bridges, telegrams, etc.....	4 08
138	John H. Sullivan, cartage stone.....	336 10
139	J. Stacy Brown, stone.....	61 70
140	John F. Sullivan, stone.....	3 28
141	J. K. Sullivan, gravel.....	76 33
142	D. J. Sullivan & Company, weighing gravel.....	50
143	Newport Hospital, sand.....	2 00
144	Charles S. Goddard, tool repairs.....	40
145	A. & H. G. Hammett, cement.....	9 45
146	John M. Friend, cement.....	19 80
147	Newport Paper & Grocery Company, oatmeal.....	4 15
148	John F. Sullivan, stone.....	1,909 82
149	American Asphaltum & Rubber Co., asphalt.....	621 08
150	D. J. Sullivan & Company, fuel.....	63 95
151	W. L. Nordling, kerosene.....	4 50
152	A. & H. G. Hammett, lumber.....	2 40
153	George A. Weaver Company, shovels, etc.....	10 85
154	William K. Covell, tar dippers,....	3 00
155	Charles S. Goddard, tool repairs.....	1 50

156	J. D. Johnston, plank.	\$1 66
157	S. W. Coggeshall, screw driver and screws.	80
158	J. H. Donovan, tool repairs.	1 00
159	J. K. Sullivan, gravel.	28 11
160	J. Stacy Brown, stone.	78
161	J. K. Sullivan, gravel.	145 30
162	D. J. Sullivan & Company, weighing gravel.	5 00
163	J. Stacy Brown, stone.	1 06
164	D. J. Sullivan, tool repairs.	3 20
165	John H. Sullivan, cartage stone.	244 12
166	J. Stacy Brown, stone.	38 65
167	J. B. Cottrell's Sons, tool repairs.	2 00
168	D. J. Sullivan & Company, fuel.	18 87
169	Lynch Brothers, pipe fittings.	1 55
170	William A. Maher, watering cart repairs.	7 20
171	Barker Brothers Company, nipple, etc.	1 20
172	The Dustoline for Roads Company, dustoline.	1,603 87
173	J. M. K. Southwick, pump repairs.	75
	Pay Rolls	4,163 81
		<hr/> \$19,854 74

## July

174	Ward Printing Company, time books.	16 00
175	Sampson & Murdock Company, directory.	2 00
176	Simon Hart, paste.	35
177	Highways and Bridges, telegram.	74
178	Providence Telephone Company, service.	14 75
179	Art Metal Construction Company, fire proof case.	390 00
180	John H. Sullivan, cartage stone.	236 14
181	J. Stacy Brown, stone.	45 64
182	J. K. Sullivan, gravel.	36 03
183	D. J. Sullivan & Company, weighing gravel.	90
184	John F. Sullivan, stone dust.	6 56
185	Alexander J. Fadden, cement.	43 56
186	George A. Weaver Company, lampblack.	1 32
187	M. F. Sullivan, cement cutters, etc.	1 75
188	Charles S. Goddard, tool repairs.	20
189	John F. Sullivan, stone.	1,186 65
190	Amos & Astorham & Butler Co., asphalt.	638 34
191	N. Y. N. H. & H. R. R. Co., freight.	106 11
192	D. J. Sullivan & Company, fuel.	42 31
193	J. K. Sullivan, gravel & stone, etc.	66 00
194	Charles S. Goddard, tool repairs.	40
195	N. Y. N. H. & H. R. R. Co., freight.	09

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196	J. D. Johnston, plank.....	\$1 15
197	Ralph R. Barker, glass, etc. ....	1 50
198	D. J. Sullivan, tool repairs.....	25
199	John H. Sullivan, cartage stone.....	28 10
200	J. Stacy Brown, stone.....	4 11
201	J. K. Sullivan, gravel.....	2 41
202	The Peckham Company, shovels.....	5 75
203	Charles S. Goddard, tool repairs.....	2 50
204	J. T. O'Connell, rope.....	7 98
205	Wm. B. Scott & Company, axes.....	2 50
206	John H. Sullivan, cartage stone.....	51 25
207	J. Stacy Brown, stone.....	7 49
208	J. K. Sullivan, gravel.....	35 26
209	John H. Sullivan, cartage stone.....	25 81
210	J. Stacy Brown, stone.....	4 91
211	J. K. Sullivan, gravel.....	105 39
212	D. J. Sullivan & Company, weighing gravel.....	4 40
213	The Peckham Company, shovels.....	5 75
214	D. J. Sullivan, tool repairs.....	10 20
215	John H. Sullivan, cartage stone.....	138 80
216	J. Stacy Brown, stone.....	20 28
217	J. K. Sullivan, gravel.....	67 30
218	D. J. Sullivan & Company, weighing gravel.....	2 10
219	J. Stacy Brown, stone.....	53
220	John H. Sullivan, cartage stone.....	220 78
221	J. Stacy Brown, stone.....	34 96
222	D. J. Sullivan & Company, fuel.....	25 87
223	P. F. Conroy, valve.....	4 00
224	Charles S. Goddard, cart repairs.....	6 45
225	M. F. Shea, watering tank repairs, etc.....	30 24
226	J. R. Chase, motor cycle repairs.....	16 71
227	The Dustoline for Roads Company, dustoline.....	1,053 46
228	J. T. O'Connell, pump repairs.....	1 05
229	A. & H. G. Hammett, lumber.....	1 84
	Pay Rolls.....	5,141 26
		<hr/> \$29,762 92

## August

230	Providence Telephone Company, service.....	14 29
231	Postal Telegraph-Cable Company, telegram.....	50
232	Samuel T. H. Ailman, office supplies.....	6 25
233	George H. Carr, office supplies.....	5 00
234	Maurice C. Smith, pen pad and ink.....	1 90
235	John H. Sullivan, cartage stone.....	293 21
236	J. Stacy Brown, stone.....	60 96

237	J. K. Sullivan, gravel.....	\$11 12
238	D. J. Sullivan & Company, weighing gravel .....	10
239	John F. Sullivan, stone .....	36 94
240	D. J. Sullivan & Company, fuel.....	39 00
241	George A. Weaver Company, brooms .....	4 50
242	A. & H. G. Hammett, lumber. ....	1 35
243	Jas. H. Donovan, tool repairs.....	75
244	J. Stacy Brown, stone.....	44
245	J. K. Sullivan, gravel.....	76 14
246	D. J. Sullivan & Company, weighing gravel.....	3 10
247	D. J. Sullivan, tool repairs.....	2 25
248	J. K. Sullivan, gravel.....	3 04
249	Charles S. Goddard, tool repairs .....	58
250	John H. Sullivan, cartage stone.....	135 10
251	J. Stacy Brown, stone.....	19 74
252	J. K. Sullivan, gravel.....	40 92
253	J. Stacy Brown, stone... ..	27
254	Charles S. Goddard, tool repairs.....	40
255	J. K. Sullivan, gravel .....	177 41
256	D. J. Sullivan & Company, weighing gravel.....	1 50
257	J. Stacy Brown, stone .....	1 37
258	Wm. B. Scott & Company, shovel.....	1 25
259	D. J. Sullivan, tool repairs.....	5 80
260	George A. Weaver Company, plow points etc.....	1 10
261	D. J. Sullivan & Company, fuel.....	14 00
262	Newport Water Works, pipe fittings .....	72
263	Lynch Brothers, repairs .....	7 85
264	Charles S. Goddard, cart repairs.....	1 25
265	George A. Weaver Company, seat springs.....	75
266	M. F. Shea, cart repairs .....	2 50
267	The Dustoline for Roads Company, dustoline.....	398 97
268	A. & H. G. Hammett, lumber.....	5 88
	Pay Rolls.....	3,805 50
		<hr/>
		\$34,946 62

## September

269	Simon Hart, office supplies.....	2 25
270	Newport Gas Light Company, radiators.....	12 58
271	John H. Sullivan, stone cartage.....	241 48
272	J. Stacy Brown, stone.....	42 43
273	John F. Sullivan, stone .....	89 37
274	D. J. Sullivan & Company, fuel.....	21 94
275	J. K. Sullivan, gravel... ..	28 50
276	D. J. Sullivan & Company, weighing gravel.....	60
277	A. & H. G. Hammett, lumber.....	3 36

278	George A. Weaver Company, brooms .....	\$1 50
279	D. J. Sullivan, tool repairs.....	4 15
280	New England Navigation Company, freight.....	17 64
281	George A. Weaver Company, glass, etc.....	1 14
282	Ralph R. Barker, glass and putty.....	1 01
283	John H. Sullivan, cartage stone.....	9 16
284	J. Stacy Brown, stone .....	1 45
285	D. J. Sullivan tool repairs.....	50
286	J. Stacy Brown, stone .....	22
287	Alexander J. Fludder, cement .....	21 30
288	John M. Friend, cement.....	22 72
289	J. Stacy Brown, stone.....	20 07
290	D. J. Sullivan & Company, fuel.....	24 66
291	Wright Brothers, paint.....	11 25
292	J. R. Chase, motor cycle repairs.....	7 35
293	Charles S. Goddard, cart repairs .....	2 50
294	M. F. Shea, cart repairs .....	50
	Pay Rolls.....	3,240 16
		<hr/>
		\$38,776 81

## October

295	The Milne Printery, printing annual reports.....	175 00
296	Ward Printing Company, printing.....	6 30
297	Providence Telephone Company, service.....	28 16
298	Highways and Bridges, postage.....	8 00
299	George H. Carr, office supplies.....	3 59
300	J. Stacy Brown, stone.....	5 15
301	J. K. Sullivan, gravel.....	2 57
302	John M. Friend, cement.....	1 42
303	S. W. Coggeshall, shovel.....	1 30
304	George A. Weaver Company, no korode.....	20
305	Alexander J. Fludder, cement.....	9 42
306	John M. Friend, cement.....	15 62
307	A. & H. G. Hammett, lumber.....	5 10
308	J. Stacy Brown, stone.....	19 30
309	Alexander J. Fludder, cement.....	23 55
310	John M. Friend, cement.....	11 36
311	D. J. Sullivan, tool repairs.....	75
312	D. J. Sullivan & Company, fuel.....	2 44
313	J. R. Chase, motor cycle repairs.....	65
314	S. W. Coggeshall, paint, etc.....	43 13
315	A. & H. G. Hammett, lumber.....	2 40
316	J. D. Johnston, lumber.....	1 92
	Pay Rolls.....	2,930 29
		<hr/>
		\$42,073 93

## November

317	Remington Ward, paper.....	\$4 00
318	George H Carr, note books.....	50
319	Simon Hart, blotters.....	78
320	Highways and Bridges, postage.....	2 00
321	J. Stacy Brown, stone.....	10 27
322	J. K. Sullivan, gravel.....	16 54
323	John M. Friend, cement.....	4 26
324	George A. Weaver Company, shovel.....	1 45
325	Philip F. Conroy, pipe and fittings....	5 41
326	Alexander J. Fludder, cement.....	3 14
327	J. Stacy Brown, stone.....	1 19
328	J. K. Sullivan, gravel.....	10 19
329	J. D. Johnston, lumber.....	5 73
330	Alexander J. Fludder, cement.....	25 12
331	J. G. Stevens, straw.....	2 30
332	N. Y., N. H. & H. R. Co., cinders.....	4 50
333	Newport Gas Light Company, cinders.....	2 25
334	W. L. Nordling, kerosene.....	1 80
335	Charles S. Goddard, tool repairs.....	80
336	Ralph R. Barker, paint, etc.....	8 75
337	Wright Brothers, bronzite.....	5 00
338	Sidney B. Gladding, gasoline.....	20 00
	Pay Rolls.....	1,062 50
		<hr/> \$43,272 41

## December

339	Providence Telephone Company, service.....	\$28 17
340	J. Stacy Brown, stone.....	3 19
341	J. K. Sullivan, gravel.....	1 01
342	George A. Weaver Company, shovel.....	1 50
343	A. & H. G. Hammett, lumber.....	2 31
344	S. W. Coggeshall, nails.....	08
345	Charles S. Goddard, tool repairs.....	24
346	George A. Weaver Company, ruberoid.....	26 50
347	S. W. Coggeshall, screws and washers.....	60
348	John M. Friend, cement.....	22 72
349	J. K. Sullivan, gravel.....	3 68
350	Joseph P. Cotton, stone dust.....	6 75
351	John F. Sullivan, stone dust.....	6 75
352	Newport Gas Light Company, cinders.....	75
353	Dennis Shanahan, straw.....	2 46
354	George A. Weaver Company, lampblack, etc.....	2 10
355	J. K. Sullivan, gravel.....	5 55



**REPORT OF STREET COMMISSIONER****105**

356	Wright Brothers, paint.....	\$12 50
357	Ralph R. Barker, paint and brushes.....	8 80
358	S. W. Cogeshall, painter's dusters.....	90
359	Charles S. Goddard, cart repairs.....	4 50
360	M. F. Shea, cart repairs.....	1 50
361	George A. Weaver Company, waste, etc.....	2 59
362	J. T. O'Connell, marline.....	50
363	J. R. Chase, motor cycle repairs.....	3 70
364	S. W. Cogeshall, spikes.....	08
	Pay Rolls.....	1,306 09
	½ of Street Commissioner's Salary (Assumed).....	750 00
		<hr/>
		\$45,477 93

**PUBLIC RECREATIONS****April**

2	Wright Brothers, bronzite.....	\$2 50
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**May**

	Pay Rolls.....	49 13
		<hr/>
		\$51 63

**June**

8	John F. Sullivan, stone dust.....	\$13 69
9	J. K. Sullivan; gravel.....	2 31
10	Alexander J. Fludder, cement.....	63 36
11	John M. Friend, cement.....	25 74
12	A. & H. G. Hammett, cement.....	3 35
13	George A. Weaver Co., repairing lawn mower, etc..	5 20
14	Newport Ship Yard, pier repairs.....	160 00
15	The Burbidge Company, pier repairs.....	59 97
16	Wm. B. Scott & Company, broom.....	60
	Pay Rolls.....	330 91
		<hr/>
		\$716 76

**July**

19	Newport Ship Yard, pier repairs.....	\$27 00
20	The Burbidge Company, pier repairs.....	34 65
	Pay Rolls.....	91
		<hr/>
		\$779 32

**September**

28	M. F. Shea, pier repairs.....	3 85
		<hr/>
		\$783 17

**October**

30	The Peckham Company, princess metallic.....	\$ 60
31	S. W. Coggeshall, oil.....	2 55
	Pay Rolls.....	14 75
		<hr/>
		\$801 07

**November**

	Pay Rolls.....	9 00
		<hr/>
		\$810 07

**PUBLIC RECREATIONS**

**MISCELLANEOUS**

**January**

	Pay Rolls.....	\$1 38
--	----------------	--------

**March**

1	J. K. Sullivan, installing fountain.....	114 82
		<hr/>
		\$116 20

**April**

3	Stephen L. Goddard, fountain repairs.....	\$5 40
4	J. D. Johnston, pole.....	75
		<hr/>
		\$122 35

**May**

5	Philip F. Conroy, globes.....	\$4 80
6	Stephen L. Goddard, fountain repairs.....	12 88
7	Philip F. Conroy, bronze pedestal.....	90 00
	Pay Rolls.....	21 75
		<hr/>
		\$251 78

**June**

17	W. F. Gratrix, sponge.....	\$1 00
18	Stephen L. Goddard, fountain repairs.....	5 25
	Pay Rolls.....	110 51
		<hr/>
		\$368 54

**REPORT OF STREET COMMISSIONER****107****July**

Jacob Mohr, fountain repairs.....	\$2 40
P. F. Conroy, plug.....	05
Downing Brothers, sulphur.....	1 00
S. W. Coggeshall, hand saws.....	3 25
Jas. H. Donovan, tool repairs.....	3 00
George A. Weaver Company, saw handle.....	15
Wm. B. Scott & Company, saw handle.....	25
Pay Rolls.....	275 43
	<hr/>
	\$654 07

**August**

Pay Rolls.....	\$15 00
	<hr/>
	\$669 07

**September**

9 Jas. H. Donovan, tool repairs.....	\$1 25
Pay Rolls.....	12 33
	<hr/>
	\$682 65

**October**

2 James H. Donovan, repairing tools.....	\$2 50
Pay Rolls.....	84 12
	<hr/>
	\$769 27

**November**

3 Sullivan Brothers, repair fountain.....	\$4 55
Pay Rolls.....	21 88
	<hr/>
	\$795 70

**December**

4 M. F. Shea, tool repairs.....	\$ 20
Pay Rolls.....	2 75
	<hr/>
	\$798 65

**PUBLIC DOCKS AND WHARVES****January**

1 Perry Coal Co., fuel.....	\$13 70
Pay Rolls.....	67 50
	<hr/>
	\$81 20

**February**

2	D. J. Sullivan & Company, fuel.....	\$7 00
3	Walsh Brothers, stove .....	27 05
4	Wm. K. Covell, stove grate.....	1 25
5	Wm. B. Scott & Company, broom.....	60
6	Newport Paper & Grocery Company, toilet.....	84
	Pay rolls.....	54 00
		<hr/>
		\$171 94

**March**

7	D. J. Sullivan & Company, fuel.....	\$21 00
	Pay Rolls.....	55 13
		<hr/>
		\$248 07

**April**

8	Wm. K. Covell, coal hod.....	\$ 60
9	J. T. O'Connell, paint.....	8 00
10	Ralph R. Barker, paint.....	3 90
11	Newport Shipyard, pitch.....	1 00
12	J. M. K. Southwick, oakum.....	70
	Pay rolls.....	84 00
		<hr/>
		\$346 27 -

**May**

13	J. K. Sullivan, lifting and lowering float.....	\$19 90
	Pay Rolls.....	56 63
		<hr/>
		\$422 84

**June**

14	Wm. B. Scott & Company, broom.....	45
15	Newport Paper & Grocery Company, toilet.....	1 00
16	The Burbidge Company, repairing brows.....	148 32
	Pay Rolls .....	54 00
		<hr/>
		\$626 57

**July**

	Pay Rolls.....	\$80 88
		<hr/>
		\$707 45

**REPORT OF STREET COMMISSIONER****109****August**

17	Newport Paper & Grocery Company, toilet.....	\$ 84
	Pay Rolls.....	54 00
		<hr/>
		\$762 29

**September**

	Pay Rolls.....	\$54 00
		<hr/>
		\$816 29

**October**

18	D. J. Sullivan & Company, fuel.....	\$7 00
	Pay Rolls.....	67 50
		<hr/>
		\$890 79

**November**

19	Newport Paper & Grocery Company, toilet.....	\$ 85
	Pay Rolls.....	54 00
		<hr/>
		\$945 64

**December**

20	D. J. Sullivan & Company, fuel.....	\$7 00
21	Walsh Brothers, chairs.....	10 00
22	Wm. K. Covell, stove.....	22 00
	Pay Rolls.....	71 75
		<hr/>
		\$1,056 39

**NON-APPORTIONED****January****Stable :**

1	H. L. Marsh & Company, forage.....	\$278 33
2	The Texas Company, gasoline.....	5 79
3	James McBride, medicine...	8 00
4	George A. Weaver Company, blanket, etc.....	3 98
5	S. W. Coggeshall, solarine.....	1 50
6	Wm. B. Scott & Company, axle grease.....	2 00
7	O. R. Braman, supplies and repairs.....	23 20
8	Charles S. Goddard, cart repairs .....	2 50
9	J. D. Johnston, lumber.....	25 19
10	M. F. Shea, cart repairs.....	11 70
11	P. F. Clark & Co., shoeing.....	9 00
12	P. M. Shea, shoeing.....	20 75

13	Daniel Beard, shoeing.....	\$8 63
14	Daniel J. Sullivan, shoeing.....	15 69
15	Shreenan & Sullivan, shoeing.....	12 12
	Pay Rolls.....	99 00

**Rollers :**

16	Frank E. Fitts Mfg. & Supply Co., packing.....	14 95
17	Ralph R. Barker, paint.....	1 95
18	Buffalo Steam Roller Company, repairs.....	513 21
19	Highways & Bridges, express.....	65
20	N. Y., N. H. & H. R. R. Co., freight.....	5 35
21	Harold L. Bond Company, gauge glasses.....	96
22	J. D. Johnston, lumber.....	35
23	Charles S. Goddard, iron.....	15
24	Lynch Brothers, nipples.....	2 29
25	George A. Weaver Company, emery paper.....	1 35
26	O. R. Braman, supplies.....	25
	Pay Rolls.....	270 00

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\$1,338 74

**February****Stable :**

27	J. G. Stevens, forage.....	\$190 61
28	The Texas Company, gasoline.....	5 79
29	Heath & Collins, medicine.....	15 00
30	George Stanhope, soap.....	4 25
31	George A. Weaver Company, salt.....	2 50
32	W. F. Gratrix, harness repairs.....	4 65
33	Daniel Beard, shoeing.....	5 13
34	Daniel J. Sullivan, shoeing.....	13 26
35	Shreenan & Sullivan, shoeing.....	6 00
36	P. M. Shea, shoeing.....	10 00
37	Peter F. Clark & Company, shoeing.....	4 50
	Pay Rolls.....	72 50

**Rollers :**

38	D. J. Sullivan & Company, fuel.....	5 45
39	Ralph R. Barker, lead.....	1 57
40	Wright Brothers, bronzite.....	2 50
41	Walworth Manufacturing Company, packing.....	13 93
42	Highways & Bridges, express.....	85
43	George A. Weaver Company, copper screen.....	20
44	Charles S. Goddard, iron.....	15
45	Lynch Brothers, repairs.....	7 53
	Pay Rolls.....	224 75

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\$1,929 86

# REPORT OF STREET COMMISSIONER

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## March

### Stable:

46	Dennis Shanahan, forage.....	\$207 29
47	Newport Gas Light Company, gas.....	8 47
48	Oliver F. Wilcox, witch hazel.....	25
49	Ralph R. Barker, paint.....	5 22
50	The Peckham Company, princess metallic.....	30
51	Henry H. Lawton, supplies.....	15 25
52	S. W. Coggeshall, rivets.....	1 00
53	J. R. Chase, motor cycle repairs.....	17 44
54	P. M. Shea, shoeing..	11 64
55	Daniel J. Sullivan, shoeing.....	10 13
56	Peter F. Clark & Company, shoeing.....	5 25
57	Daniel Beard, shoeing.....	8 13
58	Shreenan & Sullivan, shoeing.....	4 50
	Pay Rolls.....	127 12

### Crusher :

59	Newport Foundry & Machine Corp., babbitt.....	\$25 00
60	S. W. Coggeshall, putty.....	55
	Pay Rolls,....	50 75

### Rollers :

61	J. T. O'Connell, varnish.....	8 00
62	Ralph R. Barker, paint.....	50
63	Wright Brothers, paint.....	10 00
64	Buffalo Steam Roller Company, grease.....	7 50
65	Charles S. Goddard, tool repairs.....	50
66	Main Belting Company, belts.....	4 90
67	Walworth Manufacturing Company, packing.....	1 80
68	New England Navigation Company, repairs.....	1 78
69	Highways and Bridges, express.....	2 25
	Pay Rolls.....	216 00

\$2,681 38

## April

### Materials :

70	Schooner "Mary B Wellington," freight curb.....	\$413 80
71	Hooper, Havey & Company, curb & culls,.....	1,186 08

### Stable :

72	H. L. Marsh & Company, forage.....	293 07
73	Texas Oil Company, gasoline.....	5 79
74	J. D. Johnston, lumber.....	4 02
75	Dudley P. Bacheller, buggy repairs.....	15 30
76	M. F. Shea, cart repairs.....	17 75

77	Charles S. Goddard, cart repairs .....	\$5 75
78	Ralph R. Barker, paint .....	1 50
79	A. & H. G. Hammett, lumber .....	2 36
80	William B. Scott & Company, axle grease .....	2 00
81	S. W. Coggeshall, solarine, etc .....	1 85
82	Henry Bieser & Son, supplies .....	17 98
83	Daniel J. Sullivan, shoeing .....	5 63
84	Peter F. Clark & Company, shoeing .....	9 00
85	P. M. Stea, shoeing .....	10 25
86	Shreenan & Sullivan, shoeing .....	4 50
87	Daniel Beard, shoeing .....	5 13
	Pay Rolls .....	299 62

**Crusher :**

88	D. J. Sullivan & Company, fuel .....	129 36
89	J. M. K. Southwick, explosives .....	33 50
90	Barker Brothers & Company, pipe .....	6 64
91	Alexander J. Fludd, pipe .....	1 44
92	A. & H. G. Hammett, lumber .....	5 42
93	Ralph R. Barker, glass .....	32
94	Providence Oil Company, belt dressing .....	8 55
95	W. L. Nordling, oils .....	18 41
96	William B. Scott & Company, brooms .....	1 95
97	Harold L. Bond Company, repairs .....	3 45
98	Charles J. Beattie, repairs .....	36 53
99	McKiernan-Terry Drill Company, repairs .....	44 30
100	W. W. Tupper & Company, repairs .....	32 02
101	New England Navigation Company, freight .....	54
102	Main Beeding Company, lace .....	7 31
103	Aquidneck Machine Works & Garage, repair shaft .....	1 00
104	Lynch Brothers, repairs .....	5 60
105	G. H. Burnham, repairs .....	2 07
106	Highways and Bridges, express .....	2 10
107	S. W. Coggeshall, tools, etc .....	4 00
108	George A. Weaver Company, supplies .....	4 95
109	City Sealer, testing scales .....	1 50
	Pay Rolls .....	\$1,024 93

**Rollers :**

110	D. J. Sullivan & Company, fuel .....	138 22
111	W. L. Nordling, oils .....	68 49
112	Ralph R. Barker, varnish .....	1 25
113	George A. Weaver Company, shovel, etc .....	1 50
114	William K. Ovel, oil cans, etc .....	1 35
115	S. W. Coggeshall, oil .....	40
116	Harold L. Bond Company, packing, etc .....	10 00
117	Highways and Bridges, express .....	35



# REPORT OF STREET COMMISSIONER

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118	J. T. O'Connell, rope.....	\$4 27
	Pay Rolls.....	81 00

## Stable :

119	J. K. Sullivan, auto repairs.....	49 70
		<hr/> \$6,715 05

## May

### Stable :

120	J. G. Stevens, forage.....	\$228 15
121	William B. Scott & Company, axle grease.....	2 00
122	Dalton E. Young, camphor balls.....	15
123	John M. Callahan, liniment.....	1 00
124	Downing Brothers, witch hazel, etc.....	1 25
125	The Texas Company, gasoline.....	6 34
126	M. F. Shea, cart repairs.....	6 25
127	Phineas C. Clark, cart repairs.....	4 00
128	Oliver R. Braman, harness repairs, etc.....	36 60
129	J. R. Chase, auto and motor cycle repairs.....	37 75
130	Daniel Beard, shoeing.....	10 26
131	Shreenan & Sullivan, shoeing.....	4 50
132	Daniel J. Sullivan, shoeing.....	12 63
133	P. M. Shea, shoeing.....	14 88
134	Peter F. Clark & Company, shoeing.....	4 81
	Pay Rolls.....	68 91

### Crusher :

135	D. J. Sullivan & Company, fuel.....	124 48
136	J. M. K. Southwick, explosives.....	44 10
137	A. & H. G. Hammett, lumber.....	2 25
138	The Milne Printery, printing.....	13 50
139	Providence Oil Company, grease.....	3 60
140	S. W. Coggeshall, file.....	22
141	Main Belting Company, lace.....	7 31
142	Highways and Bridges, express.....	30
143	Philip F. Conroy, pipe.....	21
144	Lynch Brothers, repairs.....	1 01
	Pay Rolls.....	1,010 82

### Rollers :

145	D. J. Sullivan & Company, fuel.....	120 02
146	William K. Covell, can.....	85
147	S. W. Coggeshall, axe handle.....	25
148	Buffalo Steam Roller Company, grease.....	7 50
149	Highways and Bridges, express.....	1 00
150	W. L. Nordling, kerosene.....	4 50
151	Charles S. Goddard, repairs.....	75

# REPORT OF STREET COMMISSION

Materials:

Highways and Bridges, freight

\$2 14

\$8,499 34

June

Materials:

- 3 Schooner "Charlie & Willie," freight curb
- 54 Cooper, Havey & Company, curb
- 55 Fuller Iron Works, manhole covers and rims

\$274 04

858 58

54 00

Stable:

- 156 Dennis Shanahan, forage
- 157 W. F. Gratrix, supplies
- 158 Dudley P. Bacheller, buggy repairs
- 159 George A. Weaver Company, supplies
- 160 S. W. Coggeshall, solarine
- 161 William B. Scott & Company, pails
- 162 J. R. Chase, auto repairs
- 163 The Texas Company, gasoline
- 164 Shreenan & Sullivan, shoeing
- 165 Daniel J. Sullivan, shoeing
- 166 P. M. Shea, shoeing
- 167 Daniel Beard, shoeing
- Pay Rolls

214 39

8 65

6 14

2 35

1 50

2 00

44 25

7 99

4 50

6 75

11 13

5 13

79 00

Crusher:

- 168 D. J. Sullivan & Company, fuel
- 169 J. M. K. Southwick, explosives
- 170 A. & H. G. Hammett, lumber
- 171 W. L. Nordling, oils
- 172 Providence Oil Company, belt dressing
- 173 S. W. Coggeshall, bit
- 174 Julius Burdick, steam gauge
- 175 Frank E. Fitts Mfg. & Supply Co., packing
- 176 Main Belting Company, belt
- 177 McKiernan-Terry Drill Company, repairs
- 178 Walworth Manufacturing Company, washers
- 179 Highways and Bridges, express
- Pay Rolls

110 48

73 50

72

79 18

8 55

45

3 00

9 79

4 79

13 00

60

1 20

1,092 48

Rollers:

- 180 D. J. Sullivan & Company, fuel
- 181 J. T. O'Donnell, cotton waste
- 182 Lunch Brothers, packing, etc
- 183 George A. Weaver Company, supplies

125 48

34 80

2 48

F

\$11,640

## July

## able :

1	H. L. Marsh & Company, forage.....	\$285 15
5	Charles S. Goddard, cart repairs.....	3 25
3	M. F. Shea, cart repairs.....	20 50
7	A. & H. G. Hammett, cart repairs.....	5 16
3	George A. Weaver Company, carriage bolts.....	33
9	Oliver R. Braman, supplies.....	4 10
9	Henry H. Lawton, supplies.....	10 80
1	Dr. C. Horseman, vet. services and medicine.....	8 00
2	J. R. Chase, motor cycle repairs.....	4 70
3	P. M. Shea, shoeing.....	16 76
1	Shreenan & Sullivan, shoeing.....	4 50
5	Peter F. Clark & Company, shoeing.....	4 81
3	Daniel J. Sullivan, shoeing.....	8 13
7	Daniel Beard, shoeing.....	5 13
	Pay Rolls.....	91 50

## usher :

3	D. J. Sullivan & Company, fuel.....	135 75
9	J. M. K. Southwick, explosives.....	43 50
9	A. & H. G. Hammett, lumber.....	1 68
1	W. L. Nordling, oil.....	11 25
2	Newport Paper & Grocery Company, oatmeal.....	4 15
3	M. F. Shea, repairs.....	2 50
1	P. F. Conroy, pipe fittings.....	86
5	Lynch Brothers, saw blades, etc.....	44
3	S. W. Coggeshall, putty.....	45
7	Newport Foundry & Machine Corporation, babbit.....	2 75
3	The Congdon & Carpenter Company, spelter.....	9 81
9	Highways and Bridges, freight.....	20
	Pay Rolls.....	1,345 09

## llers:

9	D. J. Sullivan & Company, fuel.....	160 05
1	W. L. Nordling, oils.....	68 66
2	The Peckham Company, hose.....	15 00
3	George A. Weaver Company, pail.....	60
1	H. L. Marsh & Company, bag.....	25
5	Wm. K. Covell, repairs.....	50
6	Lynch Brothers, repairs.....	35
7	Buffalo Steam Roller Company, repairs.....	75

## aterials :

3	American Asphaltum & Rubber Co., asphalt.....	496 44
9	U. S. Cast Iron Pipe & Foundry Co., pipe.....	99 55

220	N. Y., N. H. & H. R. R. Co., freight.....	\$14 49
221	Alexander J. Fludder, cement .....	23 76
222	W. L. Nordling, kerosene.....	5 40
		<hr/>
		\$14,557 84

**August****Stable :**

223	J. G. Stevens, forage.....	\$195 75
224	A. & H. G. Hammett, lumber.....	98
225	Henry Biesel & Son, supplies.....	54 85
226	William F. Gratrix, sheet.....	2 15
227	William B. Scott & Company, axle grease.....	2 00
228	M. F. Shea, repairs.....	15 00
229	Charles S. Goddard, hooks,.....	20
230	Thomas G. Owen, auto repairs .....	60 45
231	P. F. Clark & Company, shoeing.....	9 62
232	P. M. Shea, shoeing.....	11 15
233	Daniel Beard, shoeing.....	5 13
234	Shreenan & Sullivan, shoeing. ....	6 75
235	Daniel J. Sullivan, shoeing.....	10 64
	Pay Rolls .....	60 00

**Crusher :**

236	D. J. Sullivan & Company, fuel.....	124 48
237	J. M. K. Southwick, explosives.....	43 50
238	W. L. Nordling, oils .....	18 14
239	Providence Oil Company, belt dressing .....	9 75
	Pay Rolls.....	1,133 33

**Rollers :**

240	D. J. Sullivan & Company, fuel.....	124 33
241	Wm. B. Scott & Company, pail, etc.....	60
242	George A. Weaver Company, solarine.....	1 50
243	Walworth Manufacturing Company, repairs.....	66

**Materials :**

244	W. L. Nordling, kerosene.....	9 00
		<hr/>
		\$16,457 89

**September****Stable :**

245	Dennis Shanahan, forage.....	179 05
246	John M. Callahan, liniment.....	1 75
247	J. R. Chase, motor cycle repairs .....	2 75
248	Oliver R. Braman, supplies.....	11 95

# REPORT OF STREET COMMISSIONER

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9	George A. Weaver Company, salt.....	\$1 80
0	J. R. Chase, auto repairs.....	76 20
1	Shreenan & Sullivan, shoeing.....	2 25
2	Peter F. Clark & Company, shoeing.....	75
3	Daniel J. Sullivan, shoeing.....	7 63
4	P. M. Shea, shoeing.....	10 25
5	Daniel Beard, shoeing.....	5 13
	Pay Rolls.....	76 50

## usher :

6	D. J. Sullivan & Company, fuel.....	14 00
7	J. M. K. Southwick, explosives.....	12 00
8	A. & H. G. Hammett, lumber.....	98
9	Ralph R. Barker, paint.....	2 70
	Pay Rolls.....	340 13

## illers :

0	D. J. Sullivan & Company, fuel.....	90 07
1	W. L. Nordling, kerosene.....	5 40

## aterials :

2	Alexander J. Fludder, cement.....	13 70
---	-----------------------------------	-------

\$17,312 79

## October

## able :

3	H. L. Marsh & Company, forage.....	201 52
4	Wm. B. Scott & Company, grease.....	2 00
5	W. F. Gratrix, supplies.....	3 65
6	Dr. C. Horseman, vet. services and medicine.....	6 00
7	M. F. Shea, cart repairs.....	13 50
8	Dudley P. Bacheller, buggy repairs.....	4 75
9	Charles S. Goddard, repair hames.....	75
0	J. R. Chase, motor cycle repairs.....	10 75
1	Daniel Beard, shoeing.....	5 13
2	P. M. Shea, shoeing.....	11 14
3	Daniel J. Sullivan, shoeing.....	9 13
4	Peter F. Clark & Company, shoeing.....	5 56
5	Shreenan & Sullivan, shoeing.....	6 75
	Pay Rolls.....	97 75

## usher :

6	A. & H. G. Hammett, lumber.....	5 52
	Pay Rolls.....	49 16

**Rollers :**

Pay Rolls .....	\$34 50
	<hr/>
	\$17,739 26

**November****Stable :**

277 J. G. Stevens, forage .....	\$159 48
278 Henry H. Lawton, supplies and repairs .....	1 45
279 S. W. Coggeshall, solarine, etc. ....	2 20
280 Julius Bardick, gasoline .....	1 68 80
281 Peter F. Clark & Company, shoeing .....	5 56
282 Daniel Beard, shoeing .....	5 13
283 Daniel J. Sullivan, shoeing .....	6 25
284 Shreenan & Sullivan, shoeing .....	2 25
285 P. M. Shea, shoeing .....	3 38
Pay Rolls .....	91 87

**Rollers :**

286 W. L. Nordling, kerosene .....	3 60
Pay Rolls .....	180 00

**Materials :**

287 John M. Friend, cement .....	7 10
	<hr/>
	\$18,274 42

**December****Stable :**

288 Dennis Shanahan .....	\$144 70
289 Newport Gas Light Company, gas .....	2 97
290 Downing Brothers, prescription .....	3 50
291 Oliver R. Shannon, chain shoes, etc. ....	24 15
292 S. W. Coggeshall, chain shoes .....	8 00
293 Charles Smith, chain repair chain .....	40
294 M. F. Shea, chain repairs .....	8 00
295 Irving E. Hackett, repair express wagon .....	21 80
296 Eric Thomas, chain shoes, etc. ....	41 83
297 John Thomas, chain shoes and auto repairs .....	3 75
298 Daniel Beard, shoeing .....	5 13
299 Peter F. Clark & Company, shoeing .....	4 81
300 Daniel J. Sullivan, shoeing .....	7 63
301 Shreenan & Sullivan, shoeing .....	4 50
302 P. M. Shea, shoeing .....	7 01
Pay Rolls .....	143 75

**Rollers :**

Pay Rolls .....	54 00
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**aterials :**

3	John M. Friend. cement.....	\$ 7 10
4	Alexander J. Fludder. cement.....	7 85
		<hr/>
		\$18,775 30
	<b>Total.</b> .....	<b>\$119,359 51</b>

Respectfully submitted,

J. K. SULLIVAN,

Street Commissioner.







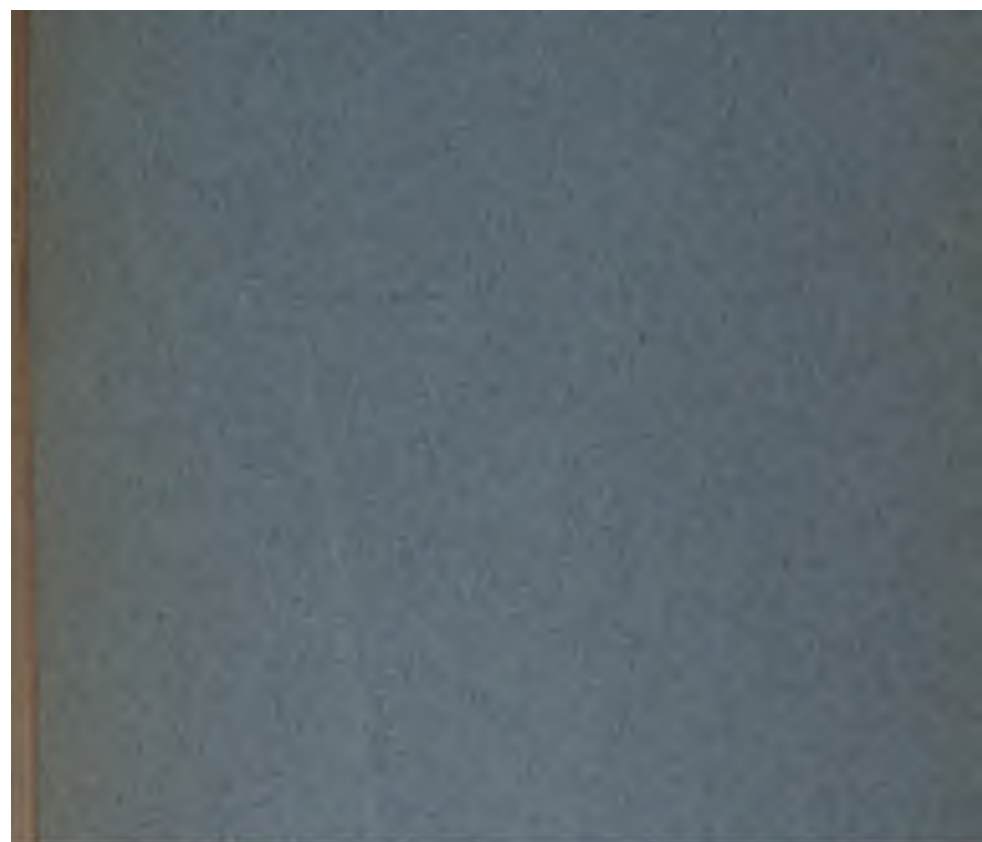


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Annual Report of the  
Street and Highway  
Department



City of Newport, Rhode Island  
Municipal Year of 1913 ~ ~ ~

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# ANNUAL REPORT

OF THE

 Street Commissioner

OF THE

CITY OF NEWPORT

1913

**J. K. SULLIVAN**, Street Commissioner, 1913

**F. M. SISSON**, Clerk

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**WILLIAM HAMILTON**, Street Commissioner, 1914

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# Annual Report of Street Commissioner

December 31, 1913.

**To the Honorable Representative Council of the City of Newport:**

Gentlemen:—I respectfully submit the following report of the operations of the Department of Highways and Bridges for the municipal year of Nineteen hundred and thirteen.

## STATISTICS

This office has carefully prepared and revised the following statistics from the records of the department, viz:

Streets		Mileage
Granite Block Pavement.....		1.69
Bitulithic and Granite Block Pavement.....		1.56
Telford Macadam .....		13.89
Telford Macadam with Tarvia Macadam Top.....		.18
Telford Macadam with Asphalt Macadam Top....		1.48
Macadam .....		41.94
Asphalt Macadam.....		2.26
Tarvia Macadam.....		.80
Tarvia .....		.21
Cobble.....		.51
Dirt.....		27.10
Total.....		91.62
Sidewalks		Mileage
Granolithic.....		18.710
Granolithic and Dirt.....		.748
Flagstone.....		2.598
Flagstone and Cobble....		.145
Flagstone and Dirt.....		1.428
Brick .....		2.895
Asphalt.....		.603
Asphalt Block.....		.485
Plank.....		.313
Dirt.....		87.154
Total.....		115.079

## REPORT OF STREET COMMISSIONER

**Gutters**

Granite Culls.....	\$18.06
Cobbles.....	36.55
Flagstone and Cobbles.....	.92
<b>Total.....</b>	<b>55.53</b>

**Curb**

Bluestone.....	40.698
Granite.....	16.203
Granolithic.....	1.853
<b>Total.....</b>	<b>58.754</b>

**Sewers**

Vitrified Pipe.....	40.517
Cast Iron Pipe.....	5.17
Circular Brick.....	4.727
Brick.....	1.449
Stone.....	.516
Tunnel.....	.388
Cement Pipe.....	.104
<b>Total.....</b>	<b>48.858</b>

**City Wharf**

Various repairs have been made to the stable and sheds located on City Wharf. The fence, which was blown down during a heavy wind storm, about a year ago, has been rebuilt. Expenditures were as follows, viz:

Repairs to Stable and Sheds,	\$171 21
Rebuild Fence,	68 84
<b>Total,</b>	<b>\$240 05</b>

Appropriation, \$500 00; Balance, \$259 95.

I again call your attention to the fact that the department needs entire new quarters. The buildings are worn out, and should be replaced with one large building to accommodate everything under one roof, similar to those enjoyed by street departments of other cities.

**Horses and Carts**

One pair of horses was purchased this year from Mr. John F. Sullivan, for the sum of Five hundred and Fifty dollars (\$550 00,) including two horses in exchange.

Appropriation, \$750 00; Balance, \$200 00.



I recommend the purchase of two or three horses next year, to replace worn out horses.

Carts and gears are repaired and painted by the permanent employees of the department during the winter months.

### Snow Removal

Not for years has this department been so fortunate regarding the expenditure for the removal of snow. The storms this year have been few and very light. Comparing the cost this year with the figures for the past ten years will give you some idea of the inability of anyone to estimate such an uncertainty.

Appropriation, \$3500 00; Expenditure \$111 03; Balance \$3388 97

#### Snow Removal Expense for Eleven Years:

1903.....	\$8049 17
1904.....	1860 55
1905.....	2752 04
1906.....	620 42
1907.....	4087 16
1908.....	1680 76
1909.....	804 54
1910.....	3363 95
1911.....	1871 61
1912.....	1466 11
1913.....	111 03

Total..... \$26667 34

This makes an average cost per year for the past eleven years of 2,424.33.

### Settling Tank

The Settling Tank, located on Briggs Wharf, has received its annual cleaning at an expense of \$391.14

Numerous repairs have been made to the building, including concrete foundation and sills, amounting to \$282 58, making a total cost of \$673 72. Appropriation, \$700 00; Balance, \$26 28.

### STREET CLEANING

The permanent pavements have received much more attention this year owing to the fact that they have been free from snow and ice.

The cleaning of all other streets commenced on the 3rd. of April and continued until November 5th. when the work was shut down until next spring. The street cleaning force is divided into five sections; two of which cover the city proper; two cover the suburban districts, including the mowing of grass, weeding, etc., and one sec-

## REPORT OF STREET COMMISSIONER

tion covers Bellevue Avenue. The total number of loads removed this year was 8,620.

From our card index system we submit the following table, showing the amount of work done by this part of the department, viz :

## Cleaning the Streets, Season 1913

Permanent Pavements	Miles	Sq. Yds.	Cost
Broadway.....	181 4	5959 056	
Washington Square.....	69 6	2448 146	\$2318 32
Long Wharf.....	137 5	1853 080	971 42
Spring Street .....	711 9	8965 000	2550 50
Thames Street .....	842 4	10832 096	656* 81
	1942 8	30057 378	\$12409 05
Bellevue Avenue.....	700 7	12849 345	1853 37
All other streets.....	698 5	10946 581	15479 20
	3420 0	53853 304	\$29741 62

## CLEAN UP DAYS

Through the efforts of Mayor MacLeod, we endeavored to establish "Clean-up-days" this year. Friday and Saturday, June 27th, and 28th, were the days selected, and the co-operation of every citizen was requested. Yards were cleaned up, the material placed in the streets and collected by teams of this department.

Local teams were to be furnished "free gratis" for this "clean-up endeavor," but somehow, through some misunderstanding the teams did not make their appearance. However, considerable material was collected and carted to the dump, which shows conclusively that the inspiration of "Clean-up-days" must have done some good. The expense was \$61 24. Street Cleaning Appropriation, \$30,000 00 ; Expenditure, \$29,809 11 ; Balance, \$190 89.

## Refuse Disposal

The City Refuse was collected during the first of the year by Mr. John H. Sullivan under short term contracts until March 24th, when the Honorable Board of Aldermen made a five-year contract with Neffer & Hattub, at the rate of \$10,100.00 per year.

Collections by both contractors have been quite satisfactory, this department receiving very few complaints.

Two men are employed at the dumps to level off, burn rubbish, etc. The dump at Anthony's Ledge was abandoned on April 26th.

## REPORT OF STREET COMMISSIONER

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### DETAIL COST

Collection and disposal by John H. Sullivan..	\$2232 75
Collection and disposal by Neffer & Hattub..	7800 91
<hr/>	
Total cost of collection and disposal.....	\$10033 66
Labor of two men at dumps, etc.....	1410 61
<hr/>	
Total cost.....	\$11444 27

### Refuse Cans

Through the efforts of some ladies connected with the Civic League, who appeared before your committee on Highways and Bridges, and by the recommendation of said committee, your Honorable Body made an appropriation of two hundred dollars for installing a few refuse cans.

Being unable to locate anyone in this City who could make the cans, I purchased two dozen Refuse Cans of the Dyar Supply Company of Boston, Mass., at the rate of \$50.00 per dozen. The cans were installed by employees of this department, but were not very favorably received by some of the abutters, where they were installed, and some of them had to be located elsewhere. One of the cans, located at the State Armory Building, was damaged by a skidding automobile, and was replaced, but later this can was also damaged by an auto. We have one can on hand at City Yard.

The Refuse Cans are located as follows, viz. :

- Downing Street & Bellevue Avenue.
- Freebody Street & Bath Road.
- Bath Road at entrance to Cliff Walk.
- Levin Street & Thomas Street.
- Spring Street at entrance to Aquidneck Park.
- Spring Street & Dearborn Street.
- Coggeshall Avenue at entrance to Morton Park.
- West Narragansett Avenue & Thames Street.
- Lee Avenue & Thames Street.
- Thames Street, at Ann Street Pier, (State Armory.)
- Ferry Wharf.
- West Marlborough Street at Fire Dept. Headquarters.
- Marlborough Street & Farewell Street.
- West Broadway near Easton's Stable.
- West Broadway near Caleb Earl Street.
- Mary Street at Charity Organization Society.
- Division Street & Touro Street.
- Washington Square at west point of Mall.
- Park, east side of Broadway, opposite Gould Street.

## REPORT OF STREET COMMISSIONER

Farewell Street near Liberty Tree.

Brinley Street near Kay Street.

Washington Street foot of Battery Street.

Appropriation, \$200.00; expenditure, \$187.02; balance, \$12.98.

#### Cleaning Catch Basins and Eyes.

As in previous years, four men with cart were employed, weather permitting, in cleaning and flushing catch basins and eyes. 1,726 catch basins and 1,161 eyes were cleaned and flushed this year, at an expense of \$3,514.21. Loads removed, 1,581.

#### Catch Basins and Eyes.

	Catch Basins.	Eye- holes.	Total
Total number last year,	463	278	741
Located during 1913,	1	15	16
Built during 1913,	13	16	29
Total to date,	477	309	786

#### Cleaning Main Sewers

The cleaning and flushing of our sewerage system is performed by four competent men, who are employed throughout the year. We have now over forty-eight miles of sewers, which were cleaned this year at an expense of \$2,632.15. Average cost per mile, \$54.84.

During the fiscal year, this department has inspected 114 individual sewer connections.

#### Street Sprinkling

##### WATERING STREETS.

The watering of our streets commenced this year on the first day of May with 14 carts, and on May 5th, one cart was added. On the 19th day of June, two of the carts were retired by the applying of dustoline to a number of streets, which were always watered. Watering the streets was continued until November 27th.

This year, the department has experienced the driest season ever remembered. For a number of years, the summer season has been very dry, but the past season was exceptionally so. If we had not applied dustoline to a number of streets not formerly so treated, and if we had not had that very wet weather during the month of October, it is doubtful if this department would have been able to control the dust properly with the amount appropriated.

The total cost of watering this year was \$9,597.78, or about \$184.57 per mile for the season. Fifty-two miles of streets were watered on an average of twice daily.

The following statistics will give you the amount of work performed by each cart.

## STREET WATERING

		Double Cart No. 25.		Capacity 600 gals.			
		Loads per day — Fresh, 26 ; Salt, None.		Gallons Used per day — Fresh, 15,600 ; Salt, None.			
		Totals.		Mileage of		Area of Streets Watered.	
		Gallons of water Used.		Streets Watered.			
1913	Days	Fresh	Salt	Total	Fresh	Salt	Total
May	20-4	319,800	.....	319,800	310.58	5,538,649	5,538,649
June	21-4	335,400	.....	335,400	325.72	5,808,827	5,808,827
July	26-3	411,450	.....	411,450	150.34	2,578,156	2,578,156
Aug.	19-2	300,300	.....	300,300	109.72	1,881,688	1,881,688
Sept.	13-4	210,600	.....	210,600	76.95	1,319,625	1,319,625
Oct.	5-4	85,800	.....	85,800	31.35	537,625	537,625
Nov.	6-4	101,400	.....	101,400	37.05	635,375	635,375
	113-1	1,764,750	.....	1,764,750	1,041.71	18,299,945	18,299,945

# REPORT OF STREET COMMISSIONER

## STREET WATERING

Double Cart No. 26. Capacity 600 gals.  
 Loads per day-- Fresh, 24 ; Salt, 2. Gallons Used per day-- Fresh, 14,400 ; Salt, 1,200.

Totals.			Mileage of Streets Watered.			Area of Streets Watered.		
Gallons of Water Used.			Streets Watered.			Area of Streets Watered.		
1913	Days	Fresh	Salt	Total	Fresh	Salt	Total	Total
April	6	86,400	7,200	93,600	68.42	2.28	70.70	887,784
May	13	187,200	15,600	202,800	137.41	4.94	142.35	1,923,532
	19	273,600	22,800	296,400	200.83	7.22	208.05	2,811,316

STREET WATERING									
Double Cart No. 27.			Capacity 600 gals.						
Loads per day—Fresh 28 ; Salt None.			Gallons Used per day—Fresh 16,800 ; Salt None.						
Totals.			Mileage of						
Gallons of Water Used.			Streets Watered.			Area of Streets Watered.			
1913	Days	Fresh	Salt	Total	Fresh	Salt	Total	Fresh	Total
April	1	16,800	.....	16,800	6.46	.....	6.46	124,014	124,014
May	25-4	428,400	.....	428,400	164.73	.....	164.73	3,162,357	3,162,357
June	25-4	428,400	.....	428,400	128.52	.....	128.52	2,323,203	2,323,203
July	27-7	468,300	.....	468,300	140.49	.....	140.49	2,539,590	2,539,590
Aug.	23-2	390,600	.....	390,600	117.18	.....	117.18	2,118,214	2,118,214
Sept.	21-4	361,200	.....	361,200	108.36	.....	108.36	1,958,779	1,958,779
Oct.	11-2	189,000	.....	189,000	56.70	.....	56.70	1,024,943	1,024,943
Nov.	14-6	247,800	.....	247,800	74.34	.....	74.34	1,943,813	1,943,813
	150-5	2,530,500	.....	2,530,500	796.78	.....	796.78	14,594,913	14,594,913

## STREET WATERING

[illegible]



## REPORT OF STREET COMMISSIONER

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**STREET WATERING**

**Double Cart No. 29.**

**Capacity 600 gals.**

Loads per day – Fresh 26; Salt None.

Gallons Used per day—Fresh 15.600; Salt None.

Loads per day – Fresh 26; Salt None.

1913	Days	Totals.			Mileage of			Area of Streets Watered.		
		Gallons of Water Used.			Streets Watered.					
		Fresh	Salt	Total	Fresh	Salt	Total	Fresh	Salt	Total
May	19-4	304,200	.....	304,200	203.19	.....	203.19	3,292,848	.....	3,292,848
June	22	343,200	.....	343,200	179.30	.....	179.30	2,928,024	.....	2,928,024
July	27-3	427,050	.....	427,050	223.11	.....	223.11	3,643,394	.....	3,643,394
Aug.	21-2	331,500	.....	331,500	173.19	.....	173.19	2,861,478	.....	2,861,478
Sept.	17-4	273,000	.....	273,000	142.62	.....	142.62	2,329,110	.....	2,329,110
Oct.	5-4	85,800	.....	85,800	44.82	.....	44.82	732,006	.....	732,006
Nov.	7	109,200	.....	109,200	61.18	.....	61.18	996,422	.....	996,422
	120-1	1,873,950	.....	1,873,950	1,027.41	.....	1,027.41	16,783,282	.....	16,783,282

## REPORT OF STREET COMMISSIONER

## STREET WATERING

Loads per day—		Double Cart No. 30.		Capacity 600 gals.		Gallons Used per day—Fresh, 6,000 ; Salt 6,000.	
		Fresh, 10 ; Salt, 10.		Totals.			
		Gallons of Water Used.		Mileage of Streets Watered.		Area of Streets Watered.	
1913	Days	Fresh	Salt	Total	Fresh	Total	Total
May	18	108,000	108,000	216,000	129.42	148.32	2,196,792
June	23 4	141,000	141,000	282,000	137.71	162.39	2,340,882
July	26 3	158,250	158,250	316,500	154.56	182.25	2,627,267
Aug.	21	126,000	126,000	252,000	123.06	146.11	2,091,862
Sept.	15	90,000	90,000	180,000	87.90	103.65	1,494,180
Oct.	1-4	9,000	9,000	18,000	8.79	10.36	149,418
	105 3	632,250	632,250	1,264,500	641.44	752.08	10,900,391
					110.64		8,172,630
							14,073,021

## STREET WATERING

		Double Cart No. 31.		Capacity 600 gals.		Gallons Used per day—Fresh, None ; Salt 7,200.	
Loads per day—Fresh, None ; Salt 12.		Totals.		Mileage of Streets Watered.		Area of Streets Watered.	
		Gallons of Water Used.		Fresh		Total	
1913	Days	Fresh	Salt	Fresh	Salt	Fresh	Total
May	20-1	.....	147,600	.....	127.10	.....	2,242,454
June	23	.....	165,600	.....	107.64	.....	2,021,700
July	26-3	.....	189,900	.....	123.44	.....	2,318,363
Aug.	21	.....	151,200	.....	98.28	.....	1,845,900
Sept.	15	.....	108,000	.....	70.20	.....	1,318,500
Oct.	1-4	.....	10,800	.....	7.02	.....	131,850
	107-3	.....	773,100	.....	533.68	.....	9,878,767

## REPORT OF STREET COMMISSIONER

## STREET WATERING

Capacity 700 gals.		Double Cart No. 32.		Fresh, 25 ; Salt, None.		Totals.		Gallons of Water Used.		Mileage of Streets Watered.		Area of Streets Watered.	
Loads per day	Days	Fresh	Salt	Total	Fresh	Salt	Total	Fresh	Salt	Total	Fresh	Salt	Total
1913													
May	19 4	341,250	.....	341,250	191.69	.....	191.69	2,630,949	.....	2,630,949	.....	.....	2,630,949
June	22 3	385,000	.....	385,000	129.80	.....	129.80	1,693,208	.....	1,693,208	.....	.....	1,693,208
July	26 3	461,563	.....	461,563	140.84	.....	140.84	1,794,133	.....	1,794,133	.....	.....	1,794,133
Aug.	18 2	319,375	.....	319,375	92.16	.....	92.16	1,180,874	.....	1,180,874	.....	.....	1,180,874
Sept.	15 4	262,500	.....	262,500	75.75	.....	75.75	970,170	.....	970,170	.....	.....	970,170
Oct.	5 4	96,250	.....	96,250	27.77	.....	27.77	355,729	.....	355,729	.....	.....	355,729
Nov.	6 4	113,750	.....	113,750	32.83	.....	32.83	420,407	.....	420,407	.....	.....	420,407
	113 1	1,979,688	.....	1,979,688	690.84	.....	690.84	9,053,970	.....	9,053,970	.....	.....	9,053,970







## REPORT OF STREET COMMISSIONER

## STREET WATERING

Single Cart No. 15.		Capacity 350 gals.					
Loads per day		Gallons used per day—Fresh, 13,300 ; Salt, None.					
Fresh, 38 ; Salt, None.		Totals.					
Gallons of Water Used.		Mileage of Streets Watered.					
Area of Streets Watered.							
1913	Days	Fresh	Total	Fresh	Total	Fresh	Total
May	20	266,000	266,000	149.60	149.60	1,835,960	1,835,960
June	19 4	259,350	259,350	133.19	133.19	1,605,240	1,605,240
July	22 3	297,588	297,588	152.82	152.82	1,841,910	1,841,910
Aug.	17 2	229,425	229,425	117.82	117.82	1,420,020	1,420,020
Sept.	14	186,200	186,200	95.62	95.62	1,152,480	1,152,480
Oct.	5 4	73,150	73,150	37.56	37.56	452,760	452,760
Nov.	7	93,100	93,100	47.81	47.81	576,240	576,240
105 5		1,404,813	1,404,813	734.42	734.42	8,884,610	8,884,610



## STREET WATERING

Single Cart No. 16.			Capacity 350 gals.			Gallons Used per day—Fresh, 12,950 ; Salt, None.		
Totals.			Mileage of			Area of Streets Watered.		
Gallons of Water Used.			Streets Watered.					
1913	Days	Fresh	Salt	Total	Fresh	Salt	Total	Total
May	24-4	317,275	.....	317,275	228.59	.....	228.59	4,505,673
June	23	297,890	.....	297,890	111.78	.....	111.78	1,537,596
July	26-3	341,556	.....	341,556	128.18	.....	128.18	1,763,221
Aug.	18-2	236,338	.....	236,338	88.69	.....	88.69	1,220,049
Sept.	17-4	226,625	.....	226,625	85.05	.....	85.05	1,169,910
Oct.	7-4	97,125	.....	97,125	36.45	.....	36.45	501,390
Nov.	11	142,450	.....	142,450	53.46	.....	53.46	552,343
	128-1	1,659,219	.....	1,659,219	732.20	.....	732.20	11,250,182

## REPORT OF STREET COMMISSIONER

## STREET WATERING

Loads per day		Single Cart No. 22.		Capacity 300 gals.		Gallons Used per day		Fresh 9000; Salt, None.	
		Fresh, 30 ; Salt, None.		Totals.		Mileage of Streets Watered.		Area of Streets Watered.	
		Gallons of Water Used.							
1913	Days	Fresh	Salt	Total	Fresh	Salt	Total	Fresh	Total
May June	23	207,000	.....	207,000	180.78	.....	180.78	2,211,818	2,211,818
	19 6	177,750	.....	177,750	155.24	.....	155.24	1,899,279	1,899,279
42-6		384,750	.....	384,750	336.02	.....	336.02	4,111,097	4,111,097

STREET WATERING										
Single Cart No. 37.			Capacity 350 Gals.							
Loads per day—Fresh, 14 ; Salt, 2.			Gallons Used per day—Fresh, 4,900 ; Salt, 700.							
Totals.			Mileage of Streets Watered.			Area of Streets Watered.				
Gallons of Water Used.			Streets Watered.							
1913	Days	Fresh	Salt	Total	Fresh	Salt	Total	Fresh	Salt	Total
April	6	29,400	.....	29,400	43.80	.....	43.80	540,408	.....	540,408
May	20	98,000	.....	98,000	146.00	.....	146.00	1,801,360	.....	1,801,360
June	20-4	100,450	14,350	114,800	99.63	7.79	107.42	1,174,281	182,204	1,356,485
July	22	107,800	15,400	123,200	83.16	8.36	91.52	1,004,696	195,536	1,200,232
Aug.	19-6	96,775	13,825	110,600	74.66	7.50	82.16	901,943	175,538	1,077,481
Sept.	8-2	40,425	5,775	46,200	31.18	3.14	34.32	376,761	73,326	450,087
	96-4	472,850	49,350	522,200	478.43	26.79	505.22	5,799,449	626,604	6,426,053

## REPORT OF STREET COMMISSIONER

## SUMMARY OF STREET WATERING

Cart	Days	Gallons of Water Used			Mileage of Streets Watered			Area of Streets Watered.		
		Fresh	Salt	Total	Fresh	Salt	Total	Fresh	Salt	Total
25	113-1	1,764,750	.....	1,764,750	1,041.71	.....	1,041.71	18,299,945	.....	18,299,945
26	19	273,600	22,800	296,400	200.83	7.22	208.05	2,642,444	168,872	2,811,316
27	150-5	2,530,500	.....	2,530,500	796.78	.....	796.78	14,594,913	.....	14,594,913
28	34-4	538,200	.....	538,200	139.73	.....	139.73	1,696,089	.....	1,696,089
29	120-1	1,873,950	.....	1,873,950	1,027.41	.....	1,027.41	16,783,282	.....	16,783,282
30	105-3	632,250	632,250	1,264,500	641.44	110.64	752.08	10,900,391	3,172,630	14,073,021
31	107-3	.....	773,100	773,100	.....	533.68	533.68	.....	9,878,767	9,878,767
32	113-1	1,979,688	.....	1,979,688	690.84	.....	690.84	9,053,970	.....	9,053,970
33	106-5	1,727,325	.....	1,727,325	970.45	.....	970.45	14,826,143	.....	14,826,143
10	105-5	1,404,813	.....	1,404,813	802.76	.....	802.76	11,202,474	.....	11,202,474
14	117-5	1,235,063	.....	1,235,063	970.43	.....	970.43	12,344,885	.....	12,344,885
15	105-5	1,404,813	.....	1,404,813	734.42	.....	734.42	8,884,610	.....	8,884,610
16	128-1	1,659,219	.....	1,659,219	782.20	.....	782.20	11,250,182	.....	11,250,182
22	42-6	384,750	.....	384,750	336.02	.....	336.02	4,111,097	.....	4,111,097
37	96-4	472,850	49,350	522,200	478.43	26.79	505.22	5,799,449	626,604	6,426,053
.....	1,466-1	17,881,771	1,477,500	19,359,271	9,563.45	678.33	10,241.78	142,389,874	13,846,873	156,236,747

# COMPARATIVE STATEMENT OF STREET WATERING

Year	Days	Gallons of Water Used.			Mileage of Streets Watered			Area of Streets Watered.		
		Fresh	Salt	Total	Fresh	Salt	Total	Fresh	Salt	Total
1907	1973-2	29,622,914	2,245,075	31,867,989	14,918.61	1,812.24	16,730.85	202,983,848.35	30,867,466.84	233,851,315.19
1908	1977-2	30,353,738	1,861,038	32,214,776	15,007.45	1,768.34	16,775.79	204,414,971.15	30,205,186.88	234,620,158.03
1909	1771-3	26,931,452	1,661,662	28,593,114	13,352.02	1,539.13	14,891.15	182,801,035.46	26,490,043.34	209,291,078.80
1910	1526-6	24,412,998	2,221,574	26,634,572	10,943.16	1,393.47	12,336.63	156,700,279.00	31,087,143.00	187,787,422.00
1911	1469-5	17,868,183	1,647,200	19,515,383	9,336.57	978.39	10,314.96	135,028,329.00	18,377,241.00	153,405,570.00
1912	1674-1	20,084,089	1,865,650	21,949,739	11,251.24	1,067.77	12,319.01	163,772,122.00	20,480,371.00	184,252,493.00
1913	1446-1	17,881,771	1,477,500	19,359,271	9,563.45	678.33	10,241.78	142,389,874.00	13,846,873.00	156,236,747.00

### **Applying Dustoline.**

This is the seventh year that this department has applied Dustoline to the roadbeds of certain streets. Each year we have increased the number of streets treated with this material. The past season, we treated thirty-five miles of roadbed of an average width of twenty feet, at an average cost of \$115.53 per mile, which is \$8.23 less per mile than last year.

The fact that we have applied Dustoline to our roadbeds for seven years clearly demonstrates that the material is an excellent dustlayer. The department purchased this year six tank cars containing in all, 45,132 gallons. We were somewhat in doubt about contracting for Dustoline at first because of the increased price from Six and one-half cents to Eight and one-half cents per gallon, but fully realizing the advance in price of crude oils, we finally submitted to the inevitable.

The total cost of applying Dustoline this past season was \$4,043.54. Two hundred dollars was again donated this year toward the expense of treating the Broadway roadbeds.

The following statistics will give you full details as to each application, etc.

## FIRST CAR OF DUSTOLINE

First Application, May 19, 20, 1913

Street or Avenue	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used	Total Cost
Third Street, Poplar Street to Training Station Road.	11,503	.0667	767	\$68.72
Sycamore Street.	2,378	.0667	159	14.25
Cypress Street.	2,396	.0667	160	14.34
Second Street.	6,358	.0854	543	48.65
Washington Street, Battery Street to Railroad Tracks.	6,534	.0831	543	48.65
Bridge Street.	2,629	.0937	246	22.04
Cross Street.	748	.0937	70	6.27
Elm Street.	2,416	.0937	227	20.34
Battery Street.	1,188	.0681	81	7.26
Maitland Court.	618	.0681	42	3.76
La Salle Place.	590	.0681	40	3.59
Sunnyside Place.	1,408	.0681	96	8.60
Gladding Court.	250	.0681	17	1.43
Pine Street.	1,384	.0681	94	8.42
Van Zandt Avenue, from West End of Bridge to Harbor.	2,533	.0681	173	15.50

# REPORT OF STREET COMMISSIONER

## FIRST CAR OF DUSTOLINE First Application, May 19, 20, 1913

Street or Avenue	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used	Total Cost
Cherry Street.....	1,350	.1072	145	\$12.90
Guernsey Court.....	490	.1072	52	4.66
Chestnut Street.....	1,129	.1072	121	10.84
Walnut Street.....	2,095	.1072	225	20.16
Poplar Street, Third Street to Washington Street.....	1,167	.1289	150	13.44
Chase Street.....	229	.1289	30	2.69
Willow Street.....	1,968	.1289	254	22.76
Sanford Street.....	366	.1289	46	4.12
North Baptist Street.....	492	.1289	63	5.65
Marsh Street.....	3,717	.0751	279	25.00
Braman Court.....	591	.0751	44	3.94
West Marlborough Street.....	2,123	.0751	160	14.34
Thames Street, Bridge Street to Poplar Street.....	800	.0751	60	5.88
Rousemainere Place.....	213	.0750	16	1.44
Northam Lane, Thames Street to Rousemainere Place.....	333	.0750	25	2.24
Whittier Avenue.....	707	.0750	53	4.75



**FIRST CAR OF DUSTOLINE**  
**First Application, May 19, 20, 1913**

Street or Avenue	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used	Total Cost
Dennis Avenue.....	520	.0750	39	\$3.50
Wilcox Court.....	208	.0750	15	1.35
Sherman Wharf.....	1,500	.0750	113	10.13
Swinburne's Wharf.....	1,017	.0750	76	6.81
Champlin Wharf.....	735	.0750	55	4.93
Bull's Wharf, 150 feet.....	250	.0750	19	1.70
Lopez Wharf, 150 feet.....	250	.0750	19	1.70
Market Square.....	550	.0750	41	3.68
Newman's Wharf.....	611	.0750	46	4.12
Ferry Wharf.....	342	.0750	26	2.33
Bowen's Wharf.....	1,279	.0666	85	7.62
West Pelham Street.....	1,057	.0666	70	6.27
Sayer's Wharf.....	1,625	.0666	108	9.68
Scott's Wharf.....	550	.0666	37	3.32
Commercial Wharf, North and South and between.....	6,725	.0666	448	40.14
Hammett's Lumber Yard, 200 feet.....	622	.0666	.42	3.77

## REPORT OF STREET COMMISSIONER

## FIRST CAR OF DUSTOLINE

First Application, May 19, 20, 1913

Street or Avenue	Sq. Yds.	Average Gal. per Sq. Yd.	Gala. Used	Total Cost
Perry Mill Wharf .....	1,833	.0666	122	\$10.98
Bailey Court, 150 feet .....	283	.0666	19	1.70
Cottrell's Wharf .....	567	.0666	38	3.41
Taylor Court .....	767	.0666	51	4.57
Brown and Howard's Wharf .....	1,000	.0666	67	6.00
	82,984		6,517	\$583.88

Cost per gallon applied, \$0.08359

Average Cost per square yard, \$0.007

## SECOND CAR OF DUSTOLINE

First Application, May 26, 27, 28, 31, 1913

Street or Avenue	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used	Total Cost
Lee's Wharf.....	1,200	.0671	80	\$7.17
West Howard Street.....	1,052	.0671	71	6.36
Spring Wharf.....	1,011	.0671	68	6.09
Extension Street, Thames Street West.....	867	.0671	58	5.20
Waites Wharf.....	1,114	.0671	75	6.72
Coddington Wharf.....	456	.0671	31	2.78
Goodwin Street.....	812	.0671	54	4.84
Richmond Street, 150 feet.....	650	.0671	44	3.94
Harrington Street.....	928	.0671	62	5.56
Farewell Street, Broadway to Van Zandt Avenue.....	7,529	.0721	543	48.65
Broadway, Equality Park Place to One Mile Corner.....	23,945	.0908	2,174	194.77
Ridge Road.....	10,744	.1336	1,436	128.65
Harrison Avenue, Ridge Road to Auchincloss' Back Gate.....	1,444	.1336	193	17.29
Bliss Road.....	7,157	.0758	543	48.65
Gibbs Avenue, Bliss Road to Water Works Road.....	5,378	.1047	564	50.53
Robinson Street.....	890	.1047	93	8.33

REPORT OF STREET COMMISSIONER

SECOND CAR OF DUSTOLINE  
First Application, May 26, 27, 28, 31, 1913

Street or Avenue	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used	Total Cost
Rhode Island Avenue, Broadway to Kay Street.....	3,360	.1047	352	\$31.54
Franklin Street.....	735	.1087	77	6.90
	69,272		6,518	\$583.97

Cost per gallon applied, \$0.08959  
Average cost per square yard, \$0.0084

## THIRD CAR OF DUSTOLINE

First Application, June 9, 10, 11, 12, 1913

Street or Avenue	Sq. Yds.	Average Gal. per Sq. Yd.	Gal. Used	Total Cost
Washington Square.....	4,333	.0964	418	\$37.45
Touro Street, Spring Street to Thames Street. ....	1,556	.0964	150	13.44
Marlborough Street.....	2,272	.1023	232	20.79
Branch Street.....	212	.1023	22	1.97
West Broadway.....	3,981	.1023	407	36.46
Gould Street.....	1,927	.1023	197	17.65
Tilley Avenue.....	1,572	.1023	161	14.42
Congdon Avenue.....	1,179	.1023	121	10.84
Old Beach Road, Bellevue Avenue to Gibbs Avenue .....	7,327	.0609	446	39.96
Red Cross Avenue, Old Beach Road South, 500 feet.....	2,000	.0609	122	10.93
Chapel Street.....	3,074	.0635	195	17.47
Catherine Street, Bellevue Avenue to Brinley Street.....	660	.0635	42	3.76
Catherine Street, Rhode Island Avenue to Gibbs Avenue .....	2,256	.0635	144	12.90
Gibbs Avenue, Catherine Street to Water Works Road.....	2,944	.0635	187	16.75
Bellevue Avenue, Kay Street to Webster Street.....	16,852	.0179	284	26.45
East Bowery Street.....	4,022	.0706	281	25.45

## REPORT OF STREET COMMISSIONER

## THIRD CAR OF DUSTOLINE

First Application, June 9, 10, 11, 12, 1913

Street or Avenue	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used	Total Cost
Bellevue Avenue, Wheatland Avenue to Bailey's Beach.....	8,190	.0567	465	\$41.66
Lake View Avenue.....	1,813	.0567	103	9.23
Harrison Avenue, Auchincloss' Back Gate to Morgan's.....	27,445	.0206	568	50.89
Narragansett Avenue, Thames Street to Forty Steps.....	18,577	.0741	1,377	123.87
West Narragansett Avenue.....	4,472	.0741	332	29.76
Washington Street, Battery Street North, 100 feet.....	222	.0719	16	1.43
Dresser Street.....	2,053	.0719	149	13.35
Berkeley Avenue.....	5,619	.0719	403	36.11
Kay Street.....	17,001	.0334	568	50.89
Ruggles Avenue, Wetmore Avenue to Drexel Estate.....	2,750	.1003	276	24.73
Ochre Point Avenue, Ruggles Avenue North, 200 feet.....	511	.1003	51	4.57
Prairie Avenue, Catherine Street to Champlin Street.....	2,400	.1003	241	21.59
	146,220		7,961	\$713.26

Cost per gallon applied, \$0.08959

Average Cost per square yard, \$0.0048

## FOURTH CAR OF DUSTOLINE

First Application, June 19, 23, 24, 1913

Street or Avenue	Sq. Yds.	Average Gal. Per Sq. Yd.	Gals. Used	Total Cost
Third Street, Poplar Street to Marsh Street.....	1,633	.1201	196	\$17.56
Poplar Street, Thames Street to Third Street.....	2,100	.1201	252	22.58
Coddington Street.....	680	.1201	82	7.35
Charles Street, Marlborough Street to North Baptist Street.....	880	.0649	57	5.11
Stone Street.....	247	.0649	16	1.44
Sherman Street.....	1,377	.0649	90	8.06
Whitfield Court.....	708	.0649	46	4.12
Barney Street.....	1,006	.0649	65	5.82
High Street.....	818	.0649	53	4.75
School Street.....	1,074	.0649	70	6.27
Touro Street, Spring Street to Bellevue Avenue.....	2,046	.0649	133	11.92
Mary Street, Touro Street to Thames Street.....	1,709	.0529	91	8.15
Church Street, Bellevue Avenue to Thames Street.....	2,704	.0529	143	12.81
Prospect Hill Street, Bellevue Avenue to Thames Street.....	1,682	.0529	89	7.97
Mill Street, Bellevue Avenue to Thames Street.....	3,161	.0529	167	14.96

## REPORT OF STREET COMMISSIONER

## FOURTH CAR OF DUSTOLINE

First Application, June 19, 23, 24, 1913

Street or Avenue	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used	Total Cost
Frank Street.....	748	.0529	40	\$3.59
Pelham Street, Bellevue Avenue to Thames Street.....	3,589	.0589	211	18.90
John Street.....	1,937	.0589	114	10.21
Levin Street.....	1,096	.0589	65	5.82
William Street.....	1,621	.0589	96	8.60
Clark Street.....	739	.0456	34	3.06
Green Street.....	604	.0456	26	2.33
Fair Street.....	446	.0456	21	1.88
Cannon Street.....	617	.0456	28	2.51
Gidley Street.....	480	.0456	20	1.79
Ann Street.....	646	.0456	30	2.69
Brewer Street.....	705	.0456	32	2.87
Golden Hill Street.....	774	.0456	35	3.14
Bowery Street.....	2,288	.0456	104	9.32
Dennison Street.....	571	.0456	26	2.33



## FOURTH CAR OF DUSTOLINE

First Application, June 19, 23, 24, 1913

Street or Avenue	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used	Total Cost
Young Street.....	848	.0456	39	\$3.50
Pope Street, East Street to Thames Street.....	1,172	.0456	54	4.84
Fountain Street.....	247	.0456	11	.99
Anthony Street.....	590	.0456	27	2.42
East Street.....	396	.0456	18	1.61
West Street.....	545	.0456	25	2.24
Harrison Avenue, Morgan's to Anthony's Ledge.....	11,555	.0500	578	51.78
Halidon Avenue.....	3,427	.0500	172	15.41
Howard Street.....	892	.0641	57	5.11
Extension Street, Spring Street to Thames Street.....	810	.0641	52	4.66
South Baptist Street.....	825	.0641	53	4.75
Dearborn Street.....	1,452	.0641	93	8.33
Holland Street.....	886	.0641	57	5.11
Dean Avenue.....	1,014	.0641	65	5.82
Lee Avenue.....	1,511	.0641	97	8.69

FOURTH CAR OF DUSTOLINE  
Second Application, June 19, 23, 24, 25, 1913

Street or Avenue	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used	Total Cost
Franklin Street.....	735	.0589	44	\$3.94
Harrison Avenue, Auchincloss' Back Gate to Morgan's.....	27,445	.0500	1,373	123.01
Broadway, Equality Park Place to One Mile Corner.....	23,945	.0221	530	47.48
Second Street.....	6,358	.0833	530	47.48
Third Street.....	10,389	.0510	530	47.48
	68,872		3,007	\$269.39

Cost per gallon applied, \$0.08959

Average cost per square yard, \$0.0039

## FIFTH CAR OF DUSTOLINE

First Application, June 25, 26, July 3, 1913

Street or Avenue	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used	Total Cost
Canal Street	2,283	.0248	57	\$0.11
Wacker Street, Spring Street to Thomson Street	2,083	.0248	51	5.73
Fulton Street	2,007	.0010	41	3.08
Tombpaine Court	500	.0010	31	2.78
Pin Street	800	.0010	40	4.30
College Street	1,173	.0010	71	0.30
Redwood Street	708	.0010	40	4.30
Elizabeth Street	525	.0010	39	2.87
Condon Street	367	.0010	16	1.44
Town Court	783	.0010	44	0.34
State Street	1,841	.0010	118	10.04
Dwelling Street	603	.0010	30	0.50
DeBols Street	107	.0010	55	4.30
Town Park West	528	.0010	32	2.87
Cornet Street	600	.0010	42	2.70
Martin Street	280	.0010	18	1.01

## FIFTH CAR OF DUSTOLINE

First Application, June 25, 26, July 3, 1913

Street or Avenue	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used	Total Cost
Division Street.....	1,966	.0639	126	11.29
King Street.....	1,720	.0639	110	9.86
Jones Avenue.....	1,637	.0639	105	9.41
Brewster Court.....	816	.0639	52	4.66
Thomas Street.....	649	.0639	42	3.76
Cotton Court .....	360	.0565	20	1.79
Wellington Avenue, Thames Street West, 300 feet.....	1,433	.0565	81	7.26
Powel Avenue.....	4,470	.0894	400	35.84
	28,257		1,688	\$151.27

Cost per gallon applied, \$0.08359

Average cost per square yard, \$0.0053

## REPORT OF STREET COMMISSIONER

## FIFTH CAR OF DUSTOLINE

Second Application, June 25, 26, July 1, 8, 14, 1913

Street or Avenue	Sq. Yds.	Average Dist. per Sq. Yd.	Chas. Times	Total Cost
Key Street	17,001	.0244	428	\$47.00
Eastman Avenue, Spring Street to Thomas Street	8,514	.0244	87	7.80
West Broadway	8,041	.0784	208	26.16
Broad Street	319	.0784	16	1.44
Marlborough Street	2,273	.0784	107	14.06
West Marlborough Street	2,125	.0784	106	12.84
Hill Road	7,167	.0470	196	20.10
Gilbes Avenue, Hill Road to Water Works Road	5,378	.0470	258	22.07
Robinson Street	800	.0470	48	8.76
Chapel Street	8,074	.0380	106	17.56
Kensalware Place	218	.0535	12	1.04
North Lane, Thomas Street to Kensalware Place	558	.0535	19	1.70
Whitler Avenue	707	.0535	40	8.54
Dennis Avenue	520	.0535	28	2.80
Wilcox Court	206	.0535	12	1.04
Sherman Wharf	1,520	.0535	25	7.02

## FIFTH CAR OF DUSTOLINE

Second Application, June 25, 26, July 1, 3, 14, 1913

Street or Avenue	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used	Total Cost
Swinburne's Wharf.....	1,017	.0565	58	\$5.20
Champlin's Wharf.....	735	.0565	42	3.76
Bull's Wharf, 150 feet.....	250	.0565	14	1.26
Lopez Wharf, 150 feet.....	250	.0565	14	1.26
Market Square.....	550	.0565	31	2.78
Newman's Wharf.....	611	.0565	35	3.14
Ferry Wharf.....	342	.0565	19	1.70
Bowen's Wharf.....	1,279	.0565	72	6.45
West Pelham Street.....	1,057	.0565	60	5.38
Sayer's Wharf.....	1,625	.0565	92	8.24
Scott's Wharf.....	550	.0565	31	2.78
Commercial Wharf, North and South and between.....	6,725	.0565	380	34.05
Hammett's Lumber Yard, 200 feet.....	622	.0565	35	3.14
Perry Mill Wharf.....	1,833	.0565	104	9.32
Bailey Court, 150 feet.....	283	.0565	16	1.44

## REPORT OF STREET COMMISSIONER

FIFTH CAR OF DUSTOLINE  
Second Application, June 25, 26, July 1, 3, 14, 1913

Street or Avenue	Sq. Yds.	Average Gals. per Sq. Yd.	Gals. Used	Total Cost
Gottrell's Wharf.....	567	.0565	32	\$2.87
Taylor Court.....	767	.0565	43	3.85
Brown and Howard's Wharf.....	1,000	.0565	57	5.11
Lee's Wharf.....	1,200	.0565	68	6.09
West Howard Street.....	1,052	.0565	60	5.38
Spring Wharf.....	1,011	.0565	57	5.11
Extension Street, Thames Street West.....	867	.0565	49	4.39
Waites Wharf.....	1,114	.0565	63	5.65
Coddington Wharf.....	456	.0565	26	2.33
Goodwin Street.....	812	.0565	46	4.12
Richmond Street, 150 feet.....	650	.0565	37	3.32
Harrington Street.....	928	.0565	52	4.66
Cross Street.....	748	.1162	87	7.80
Gould Street.....	1,927	.1162	224	20.07
Tilley Avenue.....	1,572	.1162	183	16.40
Congdon Avenue.....	1,179	.1162	137	12.28

FIFTH CAR OF DUSTOLINE  
Second Application, June 25, 26, July 1, 3, 14, 1913

Street or Avenue	Sq. Yds.	Average Gal per Sq. Yd.	Gals. Used	Total Cost
Filmore Street.....	667	.1304	87	\$7.80
Tompkins Court.....	500	.1304	65	5.82
Green Street.....	604	.1304	78	6.99
Stone Street.....	247	.0240	6	.54
Sherman Street.....	1,377	.0240	33	2.96
Barney Street.....	1,006	.0240	24	2.15
Whitfield Court.....	708	.0240	17	1.52
Touro Street, Bellevue Avenue to Thames Street.....	3,602	.0240	87	7.80
Mary Street, Touro Street to Thames Street.....	1,709	.0240	41	3.68
Church Street, Bellevue Avenue to Thames Street.....	2,704	.0240	65	5.82
Mill Street, Bellevue Avenue to Thames Street.....	3,161	.0240	76	6.81
Pelham Street, Bellevue Avenue to Thames Street.....	3,589	.0240	86	7.70
Prospect Hill Street, Bellevue Avenue to Thames Street.....	1,682	.0240	40	3.59
John Street.....	1,937	.0240	47	4.21
Levin Street.....	1,096	.0240	26	2.33
William Street.....	1,621	.0240	39	3.50



## REPORT OF STREET COMMISSIONER

## FIFTH CAR OF DUSTOLINE

Second Application, June 25, 26, July 1, 3, 14, 1913

Street or Avenue	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used	Total Cost
Golden Hill Street.....	774	.0240	19	\$1.70
Gidley Street.....	430	.0240	10	.90
Cannon Street.....	617	.0240	15	1.35
Fair Street.....	446	.0309	14	1.26
Ann Street.....	646	.0309	20	1.79
Brewer Street.....	705	.0309	22	1.97
Dennison Street.....	571	.0309	18	1.61
Young Street.....	848	.0309	26	2.33
Rowery Street.....	2,288	.0309	71	6.36
Anthony Street.....	590	.0309	18	1.61
Fountain Street.....	247	.0309	8	.72
Howard Street.....	892	.0309	28	2.51
Pope Street, East Street to Thames Street.....	1,172	.0309	36	3.23
East Street.....	396	.0309	12	1.08
West Street.....	545	.0309	17	1.43
Extension Street, Spring Street to Thames Street.....	810	.0309	25	2.24

# REPORT OF STREET COMMISSIONER

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## FIFTH CAR OF DUSTOLINE Second Application, June 25, 26, July 1, 3, 14, 1913

Street or Avenue	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used	Total Cost
South Baptist Street	825	.0309	26	\$2.33
Dearborn Street	1,452	.0309	45	4.03
Holland Street	886	.0309	28	2.51
Perry Street	1,968	.0309	61	5.47
Dean Avenue	1,014	.0309	31	2.78
Lee Avenue	1,511	.0309	47	4.21
Byrnes Street	564	.0309	17	1.43
Bacheller Street	866	.0309	27	2.42
McAllister Street	1,108	.0309	34	3.05
Dixon Street, Bellevue Avenue to Thames Street	2,515	.0330	83	7.44
Hammond Street	1,742	.0330	58	5.20
West Narragansett Avenue	4,472	.0330	148	13.26
Carey Street	2,283	.0330	75	6.72
Webster Street, Spring Street to Thames Street	2,583	.0330	85	7.62
Thomas Street	649	.0330	21	1.88

## REPORT OF STREET COMMISSIONER

## FIFTH CAR OF DUSTOLINE

Second Application, June 25, 28, July 1, 3, 14, 1913

Street or Avenue	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used	Total Cost
Martin Street.....	289	.0330	10	.90
Cornie Street.....	680	.0330	23	2.06
Division Street.....	1,886	.0330	65	5.82
School Street.....	1,074	.0330	86	8.28
High Street.....	818	.0330	27	2.42
	150,134		6,512	\$583.41

Cost per gallon applied, \$0.08059

Average Cost per square yard, \$0.0038

SIXTH CAR OF DUSTOLINE  
First Application, August 5, 12, 1913

Street or Avenue	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used	Total Cost
Brinley Street.	1,715	.0328	56	\$5.02
Carroll Avenue, Thames Street to Harrison Avenue	3,733	.0771	288	25.80
Morton Avenue.	4,225	.0771	326	25.21
	9,673		670	\$60.03

Cost per gallon applied, \$0.08959  
Average Cost per square yard, \$0.0062

## REPORT OF STREET COMMISSIONER

## SIXTH CAR OF DUSTOLINE

Second Application, July 16, 17, 19, 21, 25, August 5, 1913

Street or Avenue	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used	Total Cost
Bridge Street.....	2,029	.0459	121	\$10.84
Elm Street.....	2,416	.0459	111	9.04
Chase Street.....	2,229	.0459	11	.90
Walnut Street.....	2,095	.0459	06	8.60
Poplar Street.....	3,367	.0459	150	13.44
Willow Street.....	1,968	.0459	90	8.06
Furrowell Street, Broadway to Van Zandt Avenue.....	7,590	.0327	246	22.04
Cypress Street.....	2,898	.0327	70	7.04
Battery Street.....	1,168	.0327	80	8.50
Maitland Court.....	614	.0327	90	1.79
Gladding Court.....	350	.0327	4	.72
Sycamore Street.....	2,874	.0327	74	0.99
Van Zandt Avenue, West End of Bridge to Harbor.....	2,533	.0327	83	7.44
Pine Street.....	1,844	.0327	40	4.12
Sunshine Court.....	444	.0327	16	1.85

## SIXTH CAR OF DUSTOLINE

Second Application, July 16, 17, 19, 21, 25, August 5, 1913

Street or Avenue	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used	Total Cost
Guernsey Court.....	490	.0511	25	\$2.24
Chestnut Street.....	1,129	.0511	58	5.20
North Baptist Street.....	492	.0261	13	1.16
Sanford Street.....	356	.0261	9	.81
Braman Court.....	591	.0261	16	1.44
Coddington Street.....	680	.0261	18	1.61
Charles Street, North Baptist Street to Marlborough Street.....	880	.0261	23	2.06
Cherry Street.....	1,350	.0261	35	3.14
Marsh Street.....	3,717	.0261	97	8.69
Washington Street, Battery Street to Railroad Tracks.....	6,534	.0261	171	15.32
Ridge Road.....	10,744	.0571	614	55.01
Harrison Avenue, Ridge Road to Auchincloss' Back Gate.....	1,444	.0303	45	4.03
Harrison Avenue, Morgan's to Anthony's Ledge.....	11,555	.0303	352	31.53
Halidon Avenue.....	3,427	.0571	196	17.56
Ruggles Avenue, Wetmore Avenue to Drexel's Estate.....	2,750	.0571	157	14.06
Ochre Point Avenue, Ruggles Avenue North, 200 feet.....	511	.0571	29	2.60

## SIXTH CAR OF DUSTOLINE

Third Application, July 16, 17, 19, 25, 30, Aug. 5, Nov. 7, 1913

Street or Avenue	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used	Total Cost
Cross Street.....	748	.0459	35	\$3.14
Third Street.....	10,389	.0511	531	47.57
Marlborough Street.....	2,272	.0261	60	5.38
Branch Street.....	212	.0261	6	.54
Second Street.....	6,358	.0261	166	14.87
Harrison Avenue, Auchincloss' Back Gate to Morgan's.....	27,445	.0303	832	74.54
Touro Street, Spring Street to Thames Street.....	1,556	.0622	97	8.69
West Broadway.....	3,981	.0622	248	22.22
Broadway, Equality Park Place to One Mile Corner.....	23,945	.0256	614	55.01
Red Cross Avenue, Old Beach Road South, 500 feet.....	2,000	.0328	66	5.91
Washington Square.....	4,333	.0541	234	20.96
West Marlborough Street.....	2,123	.0541	115	10.30
Bridge Street.....	2,629	.0541	142	12.72
	87,991		3,146	\$281.85

Cost per gallon applied, \$0.08959

Average Cost per square yard, \$0.0032

REPORT OF STREET COMMISSIONER

SIXTH CAR OF DUSTOLINE

Fourth Application, November 7, 1913

Street or Avenue	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used	Total Cost
Marlborough Street.....	2,272	.0541	123	\$11.02

Cost per gallon applied, \$0.08959

Average Cost per square yard, \$0.0048



**Quarry and Crusher**

No stone was quarried and crushed this year as the quarry, which the city has leased for a number of years, is exhausted, and no provision was made for a new quarry site. The last lease expired on the 16th day of March, 1913, but the buildings have not been removed because no appropriation was made for that purpose.

**Statement of Crushed Stone**

	Tons
On hand at quarry, December 14th, 1912.....	558
From quarry during the year 1913	
Broadway Pavement .....	12½
Bellevue Avenue Asphalt Macadam.....	55
General Repairs to Streets.....	167
Van Zandt Avenue Pier. ....	2½
	237
On hand at quarry, December 17th, 1913.....	321

**Crushed Stone**

Owing to the fact that no stone was quarried and crushed this year, and as it was necessary for the department to have crushed stone to carry on the work, Messrs. John F. Sullivan and James J. Dugan submitted prices for furnishing crushed stone, delivered where needed, at the following rates, viz:

John F. Sullivan.....	\$1.20 per ton
James J. Dugan.....	1.25 " "

I referred the matter to Mayor MacLeod and was authorized to purchase the stone from the lowest competitor. I would add that Mr. Sullivan also agreed to furnish crushed stone, not delivered, at the rate of \$1.00 per ton.

**Statement of Crushed Stone purchased of John F. Sullivan during the year 1913**

	Not Delivered		Delivered	
	Tons	Lbs.	Tons	Lbs.
Repairs				
Annandale Road.....			43	1800
Bliss Road.....			110	200
Broadway.....	33	1500	49	700
Carey Street.....			47	500
Cherry Street.....			28	1800
Dean Avenue.....			72	900
Dresser Street.....			25	600

## REPORT OF STREET COMMISSIONER

	Not Delivered		Delivered	
	Tons	Lbs.	Tons	Lbs.
Elliott Place.....			9	900
Elm Street .....			131	700
Equality Park Place.....			7	1600
Fair Street. ....			18	1800
General Repairs to Streets.....	302	1975	37	350
Hammond Street.....			97	1300
Harrison Avenue.....	13	800	449	1700
Ledge Road.....			9	900
Mann Avenue.....			99	300
Marine Avenue.....			6	600
Market Square.....			45	800
Mill Street.....			73	600
Narragansett Avenue.....			26	200
Ocean Avenue.....	67	200	527	1300
Pearl Street.....			7	800
Pelham Street.....			34	600
Red Cross Avenue.....			94	1000
Ridge Road .....			22	100
Ruggles Avenue.....			116	1100
Second Street.....			133	
Third Street.....			240	1200
Touro Street.....	1	800		
Training Station Road.....			10	1600
Washington Square.....	7	1000		
West Broadway.....			59	1000
Remacadamize				
Ann Street.....			77	1600
Cranston Avenue.....			466	100
Hunter Avenue.....			154	1600
Kingston Avenue.....			323	1500
Meeting Street.....			63	
Thames Street (upper).....			127	1300
Warner Street....			266	900
Resurface				
Bath Road.....			163	1100
Macadamize				
Albro Street.....			238	
Bush Street.....			141	
Freebody Street.....			34	1300
LaSalle Place.....			75	1200
Waites Wharf.....			97	1300

	Not Delivered		Delivered	
	Tons	Lbs.	Tons	Lbs.
<b>Asphalt Macadam</b>				
Bath Road.....			1280	800
Bellevue Avenue.....	49	800	2125	1700
Bull Street.....			236	500
Easton's Beach Road.....			1600	200
Harrison Avenue.....			652	600
<b>Bridge Construction</b>				
Easton's Beach Bridge .....	3		109	200
<b>Granolithic Sidewalks</b>				
Calvert Street, at Presbyterian Church			9	900
Calvert Street, at Calvert School.....			6	600
Easton's Beach.....			73	400
General Repairs.....	2	1300	3	300
Harrison Avenue.....			9	900
Meeting Street.....			12	1200
South Baptist Street.....	1	1200	37	1600
Spring Street.....			6	600
<b>Sidewalks</b>				
Church Street.....	1	1200		
General Repairs.....	2	1200		
<b>Pavements</b>				
Broadway.....	10	625	151	1900
Spring Street. ....	1	1000	31	1000
Spring Street, Bay State St. Ry. Co...	9		114	500
Thames Street.....	2	1325		
	510	925	11325	750

#### Steam Road Rollers

The work on our streets commenced on the First day of April and continued until Rollers 2 and 3 were retired on the 18th day of October and Roller 1 was retired on the 15th of November. Roller 1 was taken out on the 5th day of December for the purpose of making repairs to the roadbed of Washington street in connection with the N. Y., N. H. & H. R. R. Co.: which company furnished the stone, and this department spread and rolled the same.

Two very unfortunate accidents happened this year with Roller 2, operated by Engineer Easton.

The first accident occurred during the noon hour of Wednesday, October 15th. The roller had been at work on Ayrault Street and was resting near Bush Street. In some manner, while the fireman was cleaning the machine, it was thrown out of gear. The roller immediately started down the street. Engineer Easton, having failed to

## REPORT OF STREET COMMISSIONER

stop the roller by chocking, boarded the machine and used every effort in his power to steer the roller to safety, but owing to a collision with the curb at the north corner of Ayrault Street and Broadway, and the slippery condition of the pavement, the roller skidded, crossed the street, and ran into the house on the corner of Caleb Earl Street and Broadway, owned by Mrs. Atkinson. The house was somewhat damaged and partly removed from its foundation. Fortunately, Engineer Easton was not injured, which seemed a miracle, considering the danger he was subjected to. Mr. David T. Leonard occupied the house, and some of their bric-a-brac, etc. was damaged, of which Chief Foreman Burdick, of this department, took an inventory with Mrs. Leonard, as follows, viz :

INVENTORY OF CHINA & BRIC-A-BRAC  
DAMAGED BY STEAM ROLLER 2—OCTOBER 15th, 1913.  
PROPERTY OF MRS. DAVID T. LEONARD,  
150 BROADWAY, NEWPORT, R. I.

## CLOSET

1 Punch Bowl Set, (12" Bowl broken).....	\$7 00	
1 Pudding Set, (Tray broken).....	3 00	
1 Silver-Glass Sugar Bowl.....	50	
1 Water Set, (Pitcher broken) ..	4 00	
2 China Cups and Saucers.....	25	\$14 75

## FRONT ROOM

1 Brass Lamp (Onyx Shaft).....	\$10 00	
1 Jardiniere and Stand (Jardiniere broken).....	6 00	
1 Picture.....	50	
1 Picture.....	3 50	
2 Cups and Saucers.....	50	
1 China Image.....	25	
1 Vase, (Green).....	4 50	
1 Vase, (Round).....	50	
1 Vase, (Square).....	25	
Cleaning rug, size 9' x 12'.....	1 00	27 00
Total		\$41 75

(Signed) Julius Burdick  
Chief Foreman,  
Dept. Highways and Bridges.

Upon recommendation of the Street Commissioner, the Representative Council, on October 25th, passed a resolution transferring from the following appropriations, Bush Street, \$300.00 ; Freebody Street,

\$200.00 ; making a total of \$500.00 toward an appropriation for repairs, etc. to the house, damaged by the runaway roller, the expenditures of which will be found in another part of this report.

The second accident happened on Friday morning, December 5th, about nine o'clock, and was a very unfortunate affair. Roller 1, which was in the rear of Roller 3, was to be taken out to make repairs to Washington Street, and the removal was by the same method as has been the custom for a number of years, and always successfully. The piece of joist used, in some manner slipped out of place, and Engineer Easton was caught by the legs between the two rollers. Owing to the quick foresight and presence of mind of Engineer Leonard, who was operating Roller 1, he immediately reversed the power and thereby averted a very serious accident.

Medical assistance was summoned at once, and Dr. Wm. A. Sherman responded in a very short time. The ambulance was called and Engineer Easton was removed to the Newport Hospital, where everything possible was done for his relief. At first it was thought that the accident was serious, but after a thorough examination by the doctor, it was found that his lower limbs were badly scraped and bruised, but no bones were broken. As I said before, it was a very unfortunate affair, and I regret exceedingly that it ever happened.

#### Permanent Pavements

Repairs have been made to both bitulithic pavements, the cost of which was

Broadway .....	\$1,029.87
Spring Street.....	341.48
Total	\$1,371.35

These pavements are fast becoming beyond repair, and they should be replaced with an entire new wearing surface, especially the Broadway Pavement.

The Spring Street Pavement at the two new turnouts at Howard Street and Webster Street was replaced by this department, and the Bay State Street Railway Company reimbursed us for the cost of same. This amount, with the amounts received from both Street Railway Companies for repairs to pavements between and outside of rails, was deposited with the City Treasurer to the credit of the appropriation for Street Repairs.

#### Bellevue Avenue Asphalt Macadam

This year, we laid an asphalt macadam roadbed on Bellevue Avenue, from Kay Street to point near Webster Street, adjoining the work done last season, a distance of 5,416 feet containing 16,048 square yards, also, laid a section of the same construction on Bellevue Avenue,

from Wheatland Avenue—south, for a distance of 1,405 feet, containing 4,472 square yards; making a total of 6,821 feet in length, containing 20,520 square yards of 3" work, which was laid at an average cost of thirty-nine cents per square yard, two cents less than last year.

Appropriation, \$8,000.00; Expenditures, \$7,997.86; Balance, \$2.14.

After writing to several dealers and producers of asphalt and obtaining samples and prices, I was authorized by vote of the Honorable Board of Aldermen to purchase the material from the same company as last season, "The American Asphaltum and Rubber Company," of Chicago, Illinois, at the rate of eleven cents per gallon, f. o. b. Newport, R. I., which is one-half cent per gallon more than last year.

The crushed stone was furnished by Mr. John F. Sullivan at the rate of \$1.20 per ton delivered, thirty cents less per ton than last year.

We also purchased an Asphalt Heater for \$352.00, which was charged to this account.

The new 5-ton Double Drive Tandem Roller bought this spring, helped out amazingly with the work, the same engineer operating both rollers alternately.

The detail cost of the work is as follows, viz:

Labor as per pay-rolls.....	\$1768 97
26,408 gallons "Pioneer Road Asphalt" @ 11c.....	2904 88
2,126-700 tons Crushed Stone, delivered @ 1.20. ....	\$2551 02
49-800 tons " " not " @ 1.00.....	49 40
55-100 tons " " from Quarry.....	5 24
One Asphalt Heater.....	352 00
Fuel.....	65 83
Lumber.....	6 43
Kerosene.....	11 90
Carron Oil.....	50
New Tools.....	11 91
Tool Repairs.....	6 70
Roller Account.....	162 08
Stable Account.....	101 00
Total.....	\$7997 86

Bellevue Avenue, for nearly its entire length, has received an Asphalt Macadam Roadbed; total length to date is 11,776 feet, leaving a distance at the lower end of the avenue of 1,485 feet, containing about 5,000 square yards, not completed.

#### Easton's Beach Road Asphalt Macadam

In accordance with the special appropriation for this purpose, an asphalt macadam roadbed was laid on Easton's Beach Road, from the Bridge to a point just beyond the pavilion at Easton's Beach, a dis-

tance of 2,262 feet in length, containing 7,020 square yards of six inch work, which was laid at an average cost of .669 per square yard.

Part of this roadbed is occupied by the tracks of the Bay State Street Railway Company, and the company reimbursed this department to the amount of \$201.00, their share of the expense, which amount was deposited with the City Treasurer to the credit of this appropriation.

An Asphalt Heater was also purchased for \$352.00 which was charged to this account.

Appropriation, \$4,500.00 plus amount received from Street Railway Company, \$201.00, making a total of \$4,701.00;

Expenditure \$4,700.89; Balance, 11 cents.

Detail expenditure is as follows, viz:

Labor as per pay-rolls.....	\$749 19
1,600-200 tons Crushed Stone, delivered @ 1.20. ....	1920 12
14,146 gals. Pioneer Road Asphalt @ 11c.....	1505 24
Asphalt Heater.....	352 00
Fuel.....	39 01
Kerosene.....	5 00
New Tools.....	5 40
Roller Account.....	93 03
Stable Account.....	31 90
Total	<u>\$4700 89</u>

#### Asphalt Macadam

On March 3rd, 1913, your Honorable Body passed a resolution, authorizing and directing the Street Commissioner to use asphalt in the construction of macadam, remacadamizing, or re-surfacing of roadbeds in so far as his judgment may deem it advisable.

In accordance with this resolution, I laid asphalt macadam roadbeds on Bath Road, from Easton's Beach Road to Freebody Street; on Harrison Avenue, from Carroll Avenue to Chastellux Avenue; and also on Bull Street.

On Bath Road, the Bay State Railway Company laid a double track, from Freebody Street to the end of their line at the Beach, and the roadbed was regraded for nearly the entire length of same.

The Street Railway Company reimbursed this department for laying the Asphalt Macadam between the eighteen inches outside of their rails, which amount was deposited with the City Treasurer to the credit of the appropriation for Street Repairs.

Total length, 3,634 feet, containing 13,030 square yards; average depth, 3 inches; total expenditure, \$3,423.31; average cost per square yard .263

**HARRISON AVE. (Carroll to Chastellux Avenue)**

Length, 1,961 feet; depth, 5 inches, containing 5,551 square yards;  
Total cost, \$1,861.77; Average cost per square yard 33½c.

**BULL STREET**

Length, 1,124 feet; depth, 5 inches, containing 2,123 square yards;  
Total cost, \$814.17; Average cost per square yard .383

**Easton's Beach Bridge**

At last, after many years, we have a substantial concrete bridge built across the creek at the Middletown Line. Size—Length 15 feet; width 42 feet; width of roadbed, 40 feet

The bridge was built by the employees of this department at an expense of \$1,400.79, less amount received for sale of lumber of old bridge, \$11.00; making the net cost, \$1,389.79.

Owing to the fact that The Bay State Street Railway Company cut and gave us a number of steel rails for re-enforcement toward the construction of the bridge, and also furnished and delivered between four and five hundred loads of earth toward the approaches, we were able to complete the work at a much lower figure than the estimate.

A statement of the cost of construction was prepared and submitted to the Honorable Board of Aldermen. In accordance with the action taken by the Board, it was sent to the Town of Middletown, R. I., their share being one-third of the expense, \$463.26, and which amount has not yet been paid by said Town.

Detail statement as follows, viz :

Labor as per pay-rolls.....		\$713 14
New tools.....		5 85
Tool Repairs .....		1 05
109-200 tons Cr Stone, delv'd. @ 1.20.....	\$130 92	
3 tons Cr. Stone, not delv'd. @ 1.00.....	3 00	
		<hr/> 133 92
65-1½ bbls. Cement @ 1.47.....	96 28	
27-1½ bbls. Cement @ 1.57.....	43 17	
		<hr/> 139 45
103-1550 tons Gravel @ 75c.....		77 83
3,940 lbs. Re-enforcing Iron.....		39 40
Lumber and Milling.....		35 44
Advertising closing of bridge.....		16 88
Carpenter bill (Thos. F. Keeher).....		96 91
Medical Services, man injured on work.....		25 00
228 gallons Asphalt @ 11c.....		25 08
15 gallons Kerosene.....		1 50



# REPORT OF STREET COMMISSIONER

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Stable Account.....	\$72 50
Roller Account.....	16 84
	<hr/>
	\$1,400 79
Less cash received for old lumber.....	11 00
	<hr/>
Net cost of bridge.....	\$1,389 79
Town of Middletown share $\frac{1}{4}$ of cost.....	463 26
	<hr/>
Net cost City of Newport.....	\$926 53

Later, under suggestions of Mayor MacLeod, three piers were built and changes were made to the Newport side of the bridge at a cost of \$113.72, which amount was assumed by this city.

## 5-Ton Double Drive Tandem Roller

We purchased last spring, under the direction of the Honorable Board of Aldermen, a 5-Ton Double Drive Tandem Roller, from the Buffalo Steam Roller Company. Although the amount appropriated was based upon their price submitted, we were able to prevail upon their representative to reduce the price to \$2,075.00, thereby saving \$75.00 for the city.

## Second Ward Sewerage System

It is now two years since this system was installed, and up to the present time, it has worked very satisfactory. Fifty-four sewer connections have been made to this system to date.

On December 10th, the electric pumps, etc., were thoroughly inspected by Messrs. Scannevin and Potter, and they report that the apparatus is in excellent condition. Chief Foreman Burdick visits the plant daily to inspect the pumps, etc. During the year the electric power has cost \$620.26, which compares favorably with last year, which was \$763 24.

In connection with this system, a sewer was laid in Kay Street Boulevard, from Eustis Avenue east, for a distance of 353 feet, at a cost of \$242.20.

Appropriation, \$1,000.00 ; Expenditure, \$899.39 ; Balance, \$100.61.

## Marchant Street Sewer

The department was favored with exceptionally dry weather this year, while installing the new storm water sewer in Marchant Street, which empties into the lower harbor, near the Gas Works. The trench was free from water nearly all the time, therefore it was not necessary to use pumps or sheathe up the sides of the ditch as was anticipated. The men could also work to better advantage under these favorable

conditions, consequently a saving was made of nearly one-half of the amount appropriated.

This sewer was laid for the purpose of giving relief to the residents in this locality, especially during heavy rain storms. Up to the present time, the system has worked very satisfactorily. We have experienced a few heavy storms since the system was installed and upon inspection the conditions in this locality were found normal.

Appropriation \$6,000.00 ; expenditure \$3,026.61 ; balance \$2,973.39.

Detail Expenditures are as follows :

Labor as per pay-rolls.....	\$1,536 60
Pipe.....	1,160 14
Gravel.....	20 80
Cement.....	55 73
Brick.....	35 00
Lumber.....	2 60
New Tools.....	27 40
Rubber Boots.....	11 25
Tool Repairs.....	19 65
Kerosene.....	5 00
Man-hole covers and rims.....	65 49
Stable account.....	86 95
<b>Total.....</b>	<b>\$3,026 61</b>

#### **Marchant Street Catch Basins**

Eleven catch basins and eleven eyeholes were built under a separate appropriation, and they connect with the Marchant Street storm sewer.

Appropriation \$1,125.00 ; expenditure \$1,079.10 ; balance \$45.90.

#### **Cliff Avenue Catch Basin**

A new catch basin was built at the corner of Cliff Avenue and Sea View Avenue to remedy bad conditions at this point, during heavy rains.

Appropriation \$100.00 ; expenditure \$98.92 ; balance \$1.08.

#### **East Bowery Street Catch Basin**

A new catch basin was also built at the corner of East Bowery Street and Middleton Avenue.

Appropriation \$100.00 ; expenditure \$95.11 ; balance \$4.89.

#### **Sylvan Street Sewer**

An eight-inch sewer was built in Sylvan Street, from Berkeley Avenue south, for a distance of 536 feet.

Appropriation \$600.00 ; expenditure \$575.00 ; balance \$25.00.

**King Street Sewer**

Although an attempt was made to lay a sewer for a short distance in King Street, from William Street south, it was found that the sewer in William Street was not of sufficient depth by two feet to accommodate the petitioners, so the proposition was abandoned.

Appropriation \$150.00 ; expenditure \$43.20 ; balance \$106.80.

**Third Street Sewer****GUM FACTORY TO THE SEA**

This department was unable to construct this sewerage system because the United States Government refused to allow the City of Newport the right of way across their property, from Third Street to the harbor. As no other route was provided, the matter will have to lay over until another year.

**Casey Court Sewerage System**

The department was also unable to construct this sewerage system because the City Solicitor is having difficulty in connection with the heirs of one or two estates bordering on the Almy Pond, to obtain property rights, etc. This matter will also have to lay over until another time.

The sum of \$10,000.00 each was appropriated for these two sewer propositions, which amounts would have to be raised by notes, but, as the work could not be performed, the City Treasurer was not obliged to raise the money.

**Streets Re-Macadamized**

The following streets were re-macadamized, viz.: Ann Street ; Cranston Avenue ; Hunter Avenue, from Catherine Street to Champ-lin Street ; Kingston Avenue ; Meeting Street ; Thames Street, from Bridge Street to Poplar Street ; Warner Street, from Pond Avenue to Farewell Street.

**Streets Re-Surfaced**

Bath Road, from Bellevue Avenue to Freebody Street.

**Streets Repaired and Rolled**

	Square Yards
Annandale Road.....	1948
Bliss Road.....	8264
Broadway.....	8659
Carey Street.....	1000
Cherry Street.....	373

	Square Yards
Dean Avenue.....	1015
Dresser Street.....	1280
Elliott Place.....	166
Elm Street.....	1242
Equality Park Place.....	177
Fair Street.....	447
Hammond Street.....	1742
Harrison Avenue.....	10616
Ledge Road.....	1466
Mann Avenue.....	2396
Marine Avenue.....	100
Mill Street.....	3230
Narragansett Avenue.....	800
Pearl Street.....	255
Pelham Street.....	1722
Red Cross Avenue.....	1588
Ridge Road.....	1333
Ruggles Avenue.....	2350
Second Street.....	333
Third Street.....	3930
Training Station Road.....	541
West Broadway.....	2100
	59073

Ocean Avenue roadbed was repaired and rolled at various places for its entire length, the area of which was impossible to determine.

#### Streets Macadamized (New Work)

Albro Street; Bush Street; Freebody Street, from East Bowery Street to Berkeley Avenue; La Salle Place and Waites Wharf. Full statistics will be found in another part of this report.

#### Eustis Avenue

Eustis Avenue, from Kay Street Boulevard to Bliss Road, was turnpiked at an expense of \$598.06; Appropriation \$700.00; Balance, \$101.94.

#### La Salle Place

An appropriation was made this year to complete the improvements to La Salle Place. A curb was laid on the north side and the roadbed was macadamized at a cost of \$803.82; Appropriation, \$1,105.00; Balance, \$301.18.

#### Meeting Street

A granite curb and granolithic sidewalk was laid on Meeting Street at the Army and Navy Y. M. C. A. Building at an expense of \$633.33; Appropriation, \$775.00; Balance, \$141.67.

**Calvert Street**

A granolithic sidewalk was laid on the south side of Calvert Street at the Presbyterian Church. Special Appropriation, \$300.00; Expenditure, \$202.14; Balance, \$97.86.

A granolithic sidewalk and granite curb was also laid on the north side of this street at the Calvert School.

Special Appropriation, \$425.00; Expenditure, \$312.99; Balance, \$112.01.

**Harrison Avenue**

A granolithic sidewalk was laid on the north side of Harrison Avenue at the St. Augustine Church.

Special Appropriation, \$300.00; Expenditure, \$277.80; Balance, \$22.20.

**South Baptist Street**

A granolithic sidewalk was laid on the south side of South Baptist Street, from Spring Street to Thames Street. Owing to the short haul of the dirt excavated, and that some private individuals carted away some of the dirt "free gratis," we were able to make quite a saving in the cost of the work.

Special Appropriation, \$650.00; Expenditure, \$486.41; Balance, \$163.59.

**House Damaged by Runaway Roller 2**

In accordance with a resolution of your Honorable Body, passed October 28th, 1913, transferring \$300.00 from Bush Street and \$200.00 from Freebody Street, the "Atkinson House," located on the corner of Caleb Earl Street and Broadway was replaced upon its foundation and the necessary repairs were made at an expense of \$262.36; Appropriation, \$500.00; Balance, \$237.64.

A full account of the accident will be found in another part of this report, under roller account.

**Van Zandt Avenue Bridge**

The walk on both sides of the Van Zandt Avenue Bridge was replanked this year under contract with Mr. Walter B. Bryer, the lowest bidder, for the sum of one hundred and eighty-seven dollars (\$187.00.)

The iron work of the bridge was also painted by employees of the department. Minor repairs were made to the Green Bridge, located on Ocean Avenue.

Appropriation for Bridge Repairs, \$1,000.00; Expenditure, \$359.28; Balance, \$640.72.

**Easton's Beach**

As in former years, a man is kept at work in this locality to clean the roadbed, mow grass plats, etc. The sidewalk was repaired and the iron fence painted.

Appropriation, \$500.00; Expenditure, \$381.94; Balance, \$118.06.

**Forty Steps**

The Forty Steps were painted this year at an expense of \$26.02; Appropriation, \$50.00; Balance, \$23.98.

**City Piers****ANN STREET PIER**

This pier received additional repairs this year under contract with the Newport Ship Yard for the sum of one hundred and twelve dollars (\$112.00.)

**ELM STREET PIER**

Repairs were made to this pier at an expense of \$7.83.

**VAN ZANDT AVENUE PIER**

New pipe piers were installed, pier straightened and planks put in where needed, cost of which was \$214.74.

Total appropriations for City Piers, \$1,000.00 ; Expenditures, \$334.57 ; Balance, \$665.43.

**City Fountains**

Again this year, an employee of the department occasionally cleaned the animal drinking fountains, also placed sulphur in the bowls to purify the water.

The following fountains have been repaired, viz :

Bellevue Avenue at Bailey's Beach,  
Easton's Beach,  
Thames Street, opposite Wellington Avenue,  
Touro Park West,  
Washington Square,  
West Broadway.

Appropriation, \$150.00 ; Expenditure, \$69.50 ; Balance, \$80.50.

**Tree Preservation**

The State of Rhode Island furnished the apparatus and material, and this department paid for the gasoline and all labor connected with the spraying of the trees, located on the highways of the city, to exterminate the Elm Beetle and Tussock Moth, the cost of which was \$132.25 this year.

The following trees were trimmed or removed at an expense of \$279.43, viz :

Trees Removed :  
Oggeshall Ave  
Fairwell Street

Trees Trimmed :  
Broadway  
Dearborn Street  
Ruggles Avenue

Total Appropriation, \$600.00 ; Expenditure, \$411.68, Balance, \$188.32.

#### City Floats

The City Floats were repaired and painted this year at an expense of \$41.72 ; Appropriation, \$50.00 ; Balance, \$8.28.

#### City Brows

No repairs were needed to the brows this year and therefore none of the appropriation was expended.

#### Sewer Permits

During the year, 114 permits to connect with sewers were issued, making a total to date of 3,955 since the system was adopted in 1884.

The number and description of fixtures connected were as follows, viz:

	Previously reported	1913	Total
Water Closets.....	3971	135	4106
Laundry Tubs.....	2098	192	2290
Sinks.....	4675	120	4795
Bath Tubs.....	1919	114	2033
Cellar Drains.....	1716	86	1802
Bowls.....	714	107	821
Land Drains.....	115	5	120
Roofs.....	926	81	1007
Furnace Pits.....	4	1	5
Stable Fixtures.....	64		64
Families Accommodated.....	4666	119	4785
Persons Accommodated.....	6785	357	7142

#### New Sewers

##### Special Sewers:

Marchant Street.....	1475 ft. 6 in. of 18 in. Vit. pipe
Marchant Street.....	639 ft. 7 in. of 15 in. Vit. pipe
Sylvan Street.....	536 ft. of 8 in. Vit. pipe

##### Emergency Sewers:

Bay Side Avenue ...	228 ft. of 8 in. Vit. pipe
Calvert Street.....	59 ft. 6 in. of 8 in. Vit. pipe
Calvert Street.....	58 ft. of 8 in. Vit. pipe
Champlin Street, Hunter, west..	133 ft. of 8 in. Vit. pipe
Coggeshall Ave., Morton, south.	196 ft. of 8 in. Vit. pipe
Kay St. Boulevard, Eustis, east.	353 ft. of 8 in. Vit. pipe
Kay Terrace.....	288 ft. of 8 in. Vit. pipe
Peckham Ave., Russell Ave., east	141 ft. of 8 in. Vit. pipe
Roseneath Avenue (extend).....	206 ft. of 8 in. Vit. pipe
Vaughan Avenue (extend).....	251 ft. of 8 in. Vit. pipe

Ocean Avenue at Carroll Avenue

Yznaga Avenue

**Manholes Repaired**

Bath Road .....	3
Fourth Street .....	2
Spring Street .....	3
	<hr/>
	8

**Catch Basins Repaired**

Bath Road at Easton's Beach,  
 Bellevue Avenue at Parker Avenue,  
 Bull Street at Mount Vernon Street,  
 Carey Street,  
 Dixon Street, Bellevue Avenue West,  
 Duke Street,  
 Edgar Court, West Side, near end,  
 Narragansett Avenue at Spring Street,  
 Pelham Street at Thames Street,  
 Pelham Street at Spring Street,  
 Touro Street at Mount Vernon Street,  
 Van Zandt Avenue at Hall Avenue,  
 William Street.

**Eye Holes Repaired**

Bath Road .....	
Bridge Street at 2 Fire Station .....	
DeBlois Street .....	
Duke Street .....	
Grafton Street .....	
Hall Avenue at Van Zandt Avenue .....	2
Lee Avenue at Spring Street .....	
Kilburn Court at Broadway .....	
State Street .....	
Tew's Court .....	
Third Street at Marsh Street .....	
Van Zandt Avenue at Hall Avenue .....	2



## REPORT OF STREET COMMISSIONER

## PERMITS FOR STREET AND SIDEWALK OPENINGS, ETC.

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Totals
Laying Gas Service.....	1	1		14	18	10	15	9	13	9	6	6	102
Laying Gas Mains.....					1						1		2
Extending Gas Mains.....	3		1							1			1
Repairing Gas Mains.....	1					1		2					4
Repairing Gas Services.....				4	1								4
Placing Gas Lamps.....													4
Changing Location of Gas Lamps.....													4
Repairing Gas Lamps.....			1			1				1			1
Removing Gas Lamps.....													1
Electric Conduit.....	2		1	1	1	1	1		2	2	2	1	14
Electric Light Repairs.....	1		1	2	1			2	3				4
Telephone Conduits.....	3		1	1	1	1	2	1	1		2		6
Repairing Street Railway Tracks.....	2		1	2	3	3			5	1	1	1	12
Clearing Drains.....								2					19
Repairing and Re-laying Sewers.....										1	1	1	8
Rain Water Leader.....													2
Laying Granolithic Sidewalks.....										1	1	1	1
Repairing Sidewalks.....						1			1				3
Use of Sidewalk for Building.....	3	3	2	2	1	1	2	1	2	1	1	1	20
Laying Driveways.....				2	2	1							6
Closing up Driveways.....					1								1
Laying Cement Curb.....					1								1
Removing Dead Tree.....			1								1		1
Repairing Foundation Wall.....													1
	16	4	7	29	31	20	20	17	27	17	15	11	214

## STREETS MACADAMIZED (NEW WORK)

Street or Avenue	Tons Cr Stone	Days Steam Roller	Av. Depth Work	Length Feet	Width Feet	Sq. Yds.	Cost per Sq. Yd.	Cost Macadam	Cost Turnpike	Total Cost
Albro Street.....	238	15½	6 in.	320	17	604	.795	\$180.32	\$254.09	\$734.41
Bush Street.....	141	10	5 in.	325	15	542	.548	296.99		296.99
Freebody Street, Berkeley to East Bowery Street.....	35	3	4 in.	315	15	525	.132	78.39		78.39
La Salle Place .....	75	7	7 in.	328	13	474	.873	176.72		176.72
Waite's Wharf.....	98	8	5 in.	310	15	517	.416	215.38		215.38
	587	43½		1,598		2,662		\$1,247.80	\$254.09	\$1,501.89

## REPORT OF STREET COMMISSIONER

## STREETS RE-MACADAMIZED

Street or Avenue	Tons Cr Stone	Days Steam Roller	Av. Depth Work	Length Feet	Width feet	Sq. Yds.	Cost per Sq Yd.	Total Cost
Ann Street.....	78	8	5 in.	447	18	645	.20	\$129.60
Crunkton Avenue.....	466	17	5 in.	1,245	21	2,905	.26	770.87
Hunter Avenue, Catherine to Champlin Street.....	155	7½	4 in.	735	31	1,691	.16	268.20
Kingston Avenue.....	324	19	4 in.	990	18	1,960	.31	621.08
Meeting Street.....	68	7	4 in.	330	16	567	.29	166.41
Thames Street, Bridge Street to Poplar Street.....	128	7	5 in.	530	16	942	.25	238.51
Warner Street, Pond Avenue to Farewell Street.....	266	11	5 in.	1,590	15	2,650	.17	453.76
	1,480	71½		5,847		11,390		\$2,665.23

## STREETS RE-SURFACED AND ROLLED

Street or Avenue	Tons Cr Stone	Days Steam Roller	Length Feet	Width Feet	Sq. Yds.	Cost per Sq. Yd.	Total Cost
Bath Road, Bellevue Avenue, West...	164	8½	885	27	2,655	.114	\$303.78

## REPORT OF STREET COMMISSIONER

## ASPHALT MACADAM

Asphalt Gals.	Tons Cr Stone	Days Steam Roller	Av. Depth Work	Length Feet	Sq. Yds.	Cost per Sq. Yd.	Total Cost
Bath Road, Freebody Street, west Bellevue Avenue, Kay to Webster Street & Wheatland Avenue, south.....	1,281	21-6	3 in.	3,634	13,080	.263	\$3,423.31
Bull Street.....	2,175	50-1	3 in.	6,821	20,520	.389	7,997.86
Easton's Beach Road, Bridge, west.....	236	6-5	6 in.	1,124	2,136	.381	814.17
Harrison Avenue, Carroll to Chastellux Avenue.....	1,600	26-2	6 in.	2,262	7,020	.669	4,700.89
	652	10	4 in.	1,961	5,551	.335	1,861.77
	5,944	114-6		15,802	48,257		\$18,798.00
45,453							

**New Crossing**

Warner Street at Gould Street ..... 19 ft. x 5 ft.

**Crossings Re-laid and Repaired**

Allan's Court at Spring Street..... 20 ft. x 7 ft.  
 Almy's Wharf at Thames Street..... 28 ft. x 4 ft.  
 Ann Street at Spring Street..... 22 ft. x 4 ft.  
 Annandale Road at Bath Road..... 17 ft. x 7 ft.  
 Ayrault Street at Broadway..... 32 ft. x 14 ft.  
 Baker's Court at Thames Street..... 24 ft. x 4 ft.  
 Barney Street at Spring Street ..... 29 ft. x 7 ft.  
 Bowen's Wharf at Thames Street..... 17 ft. x 4 ft.  
 Bowery Street at Spring Street..... 33 ft. x 8 ft.  
 Brewer Street at Spring Street..... 22 ft. x 7 ft.  
 Bridge Street at Second Street..... 40 ft. x 7 ft.  
 Bridge Street at Thames Street..... 76 ft. x 6 ft.  
 Bull's Wharf at Thames Street..... 24 ft. x 4 ft.  
 Caleb Earl Street at Broadway..... 18 ft. x 6 ft.  
 Central Street at Bull Street..... 18 ft. x 5 ft.  
 Champlin's Wharf at Thames Street..... 18 ft. x 4 ft.  
 Church Street at Spring Street, east side ..... 20 ft. x 7 ft.  
 Church Street at Thames Street..... 21 ft. x 5 ft.  
 Coddington Street at Thames Street..... 55 ft. x 6 ft.  
 Collins Street at Broadway..... 23 ft. x 13 ft.  
 Commercial Wharf (north) at Thames Street..... 15 ft. x 3 ft.  
 Commercial Wharf (south) at Thames Street..... 20 ft. x 6 ft.  
 Cottage Street at Redwood Street..... 32 ft. x 10 ft.  
 Cotton's Court at Thames Street..... 32 ft. x 4 ft.  
 Cozzen's Court at Thames Street ..... 21 ft. x 4 ft.  
 Cross Street at Bridge Street..... 20 ft. x 6 ft.  
 Daily News at Thames Street..... 15 ft. x 4 ft.  
 Dennison Street at Spring Street..... 25 ft. x 7 ft.  
 Edward Street at Broadway... 20 ft. x 13 ft.  
 Elm Street at Cross Street..... 10 ft. x 6 ft.  
 Equality Park Place at Broadway..... 89 ft. x 12 ft.  
 Everett Street at Broadway..... 56 ft. x 6 ft.  
 Extension Street at Spring Street..... 23 ft. x 5 ft.  
 Fair Street at Spring Street..... 20 ft. x 7 ft.  
 Frank Street at Thames Street..... 20 ft. x 5 ft.  
 Frank Street at Spring Street..... 19 ft. x 6 ft. 6 in.  
 Franklin Street at Thames Street..... 70 ft. x 5 ft.  
 Friendship Street at Broadway..... 22 ft. x 7 ft. 6 in.  
 Gidley Street at Spring Street..... 16 ft. x 8 ft.  
 Government Wharf at Thames Street..... 39 ft. x 4 ft.  
 Green Street at Thames Street..... 28 ft. x 5 ft.

Howard Street at Spring Street.....	32 ft. x 6 ft.
Hozier Street at Spring Street.....	30 ft. x 7 ft.
John Street at Spring Street.....	22 ft. x 4 ft.
Kilburn Court at Broadway.....	21 ft. x 11 ft.
Kingston Avenue at Pearl Street, east side.....	30 ft. x 9 ft.
Kingston Avenue at Pearl Street, west side.....	30 ft. x 9 ft.
Kingston Avenue at Warner Street.....	22 ft. x 7 ft.
Long Wharf at Thames Street.....	9 ft. x 4 ft.
Lopez Wharf at Thames Street.....	40 ft. x 4 ft.
Mann Avenue at Broadway.....	35 ft. x 6 ft.
Market Square at Thames Street.....	48 ft. x 5 ft.
Marlborough Street at Thames Street.....	52 ft. x 6 ft.
Mary Street at Spring Street, east side.....	29 ft. x 7 ft.
Mary Street at Thames Street.....	40 ft. x 4 ft.
Mason Court at Thames Street.....	26 ft. x 2 ft.
Middleton Avenue at Bath Road.....	45 ft. x 9 ft.
Mill Street at Spring Street, east side.....	28 ft. x 8 ft.
Mill Street at Thames Street.....	54 ft. x 5 ft.
Moffitt Place at Spring St.....	20 ft. x 6 ft.
Mount Vernon Street at Bull Street.....	21 ft. x 6 ft.
North Baptist Street at Thames St.....	30 ft. x 4 ft.
Oak Street at Broadway.....	23 ft. x 12 ft.
Pearl Street at Kingston Avenue, east side.....	39 ft. x 9 ft.
Pearl Street at Kingston Avenue, west side.....	39 ft. x 9 ft.
Pope Street at Spring Street, east side.....	21 ft. x 8 ft.
Pope Street at Spring Street, west side.....	22 ft. x 7 ft.
Prospect Hill Street at Spring Street, east side.....	21 ft. x 7 ft.
Prospect Hill Street at Spring Street, west side.....	21 ft. x 7 ft. 6 in.
Prospect Hill Street at Thames Street.....	20 ft. x 5 ft.
Redwood Street at Cottage Street.....	32 ft. x 8 ft.
Richardson's Passage at Thames Street.....	19 ft. x 4 ft.
Second Street at Bridge Street.....	19 ft. x 5 ft.
Sherman Street at Caswell's Estate.....	25 ft. x 6 ft.
Sherman Street at Spring Street.....	29 ft. x 8 ft.
Sherman's Wharf at Thames Street.....	26 ft. x 4 ft.
South Baptist Street at Spring Street.....	21 ft. x 5 ft.
Touro Street at Court House Street.....	22 ft. x 7 ft.
Touro Street at Spring Street, east side.....	70 ft. x 7 ft.
Touro Street at Spring Street; West side.....	29 ft. x 8 ft.
Vicksburg Place at Warner Street.....	20 ft. x 7 ft. 6 in.
Washington Street at Bridge Street.....	23 ft. x 5 ft. 9 in.
West Broadway at Marlborough Street.....	27 ft. x 5 ft.
West Marlborough Street at Thames Street.....	85 ft. x 4 ft.
West Pelham Street at Thames Street.....	32 ft. x 4 ft.
Wilcox Court at Thames Street.....	20 ft. x 4 ft.

William Street at Spring Street.....	25 ft. x 8 ft.
Young Street at Spring Street.....	27 ft. x 7 ft.

**New Driveways Paved****Granite Blocks :**

LaSalle Place at Tripp's.....	19 ft. 4 in. x 1 ft. 6 in.
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**Cobble :**

Bath Road opposite Annandale Road.....	19 ft. x 2 ft.
Gould Street at Fludder's.....	12 ft. x 2 ft.
Warner Street at Nichol's Terrace.....	10 ft. x 18 in.

**Driveways Relaid**

Ann Street at Bacheller's.....	16 ft. 6 in. x 3 ft. 6 in.
Bellevue Avenue at Hillhouse's.....	36 ft. x 6 ft.
Warner Street at City Cemetery.....	11 ft 7 in. x 9 ft. 6 in.
Kay Street at Case Estate.....	15 ft. x 3 ft.
Kay Street at Case Estate.....	15 ft. x 3 ft.

**New Granite Gutters**

Broadway at Bedlow Avenue.....	60 ft. x 2 ft.
Broadway at Ledyard Place.....	53 ft. x 2 ft.
Calvert Street at Schoolhouse.....	116 ft. x 2 ft.
La Salle Place, north side.....	327 ft. x 2 ft.
Meeting Street, east side.....	225 ft. x 2 ft.
Ochre Point Avenue at Narragansett Avenue.....	36 ft. x 2 ft.

**New Cobble Gutters**

Cliff Avenue at Sea View Avenue.....	50 ft. x 2 ft.
East Bowery Street at Middleton Avenue.....	7 ft. 6 in. x 2 ft.
Harrison Avenue at Marchant Street.....	19 ft. x 2 ft.
Prairie Avenue at Champlin Street.....	20 ft. x 2 ft.
Prescott Hall Road at South Mayd Street.....	30 ft. x 2 ft.

**New Double Gutter****Granite :**

Ocean Avenue at Perry Estate.....	150 ft. x 3 ft.
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**Gutters Re-paved****Granite Blocks :**

Bath Road at Easton's Beach.....	37 ft. x 2 ft.
Bath Road at Middleton Avenue.....	50 ft. x 2 ft.
Bellevue Avenue, Perry Street to Bowery Street	1,000 ft. x 2 ft.
Broadway at Friendship Street.....	40 ft. x 2 ft.
Caleb Earl Street.....	67 ft. x 2 ft.



# REPORT OF STREET COMMISSIONER

81

East Bowery Street at Middleton Avenue.....	5 ft. 4 in.
La Salle Place, north side.....	305 ft.
Meeting Street, east side.....	234 ft.

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644 ft. 4 in.

## New Granolithic Curb

DeBlois Street.....	16 ft. 6 in.
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## New Corners Turned

### Granite:

Broadway at Bedlow Avenue.....	43 ft.
Broadway at Ledyard Place.....	53 ft.
Ochre Point Avenue at Narragansett.....	36 ft.
Van Zandt Avenue at Hall Avenue.....	65 ft.

### Bluestone :

Cliff Avenue at Sea View Avenue.....	44 ft.
John Street at Spring Street.....	6 ft.
Harrison Avenue at Marchant Street.....	19 ft.
Prairie Avenue at Champlin Street... ..	19 ft.
Prescott Hall Road at Southmayd St.....	29 ft.

## Bluestone Curb Replaced by Granite

(Damaged by Weaver Fire)

Broadway, Stone Street North.....	128 ft.
Spring Street, Bull to Sherman St, east side.....	237 ft.
Spring Street, Bull to Sherman St., west side...	109 ft.

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474 ft.

## Curbs Reset

### Granite

Broadway at Friendship Street.....	37 ft.
Marsh Street.....	859 ft.
Second Street.....	121 ft.
Third Street .....	334 ft.
Willow Street.....	313 ft.

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1,664 ft.

### Bluestone :

Ann Street .....	613 ft.
Bath Road, Red Cross Ave., east.....	440 ft.
Bath Road at Easton's Beach.....	232 ft.
Bellevue Ave, Perry to Bowery St.....	1000 ft.
Bellevue Ave, Parker to Perry St.....	200 ft.
Bellevue Ave, Wheatland to Lake View.....	490 ft.
Bellevue Ave, Lake View to end.....	200 ft.
Bridge Street, Third to Washington.....	440 ft.

**Bluestone :**

Broadway at Atkinson's.....	19 ft.
Bull Street.....	75 ft.
Calvert Street.....	16 ft.
DeBlois Street.....	125 ft.
Kay Street.....	125 ft.
Kingston Avenue.....	1686 ft.
Mann Avenue.....	1000 ft.
Tilley Avenue.....	14 ft.
Warner Street, at City Cemetery.....	13 ft.
	<hr/> 6,650 ft.

**Streets Patched**

Annandale Road, Bliss Road, Bowery Street, Bradford Street, Broadway, Brooks Avenue, Callender Avenue, Cannon Street, Carrol Avenue, Catherine Street, Charles Street, Chase Street, Church Street, Cliff Avenue, Cottage Street, East Bowery Street, Elm Street, Eustis Avenue, Fair Street, Farewell Street, Franklin Street, Freebody Street, Friendship Street, Garfield Street, Gibbs Avenue, Girard Avenue, Gould Street, Greenough Place, Halsey Street, Harrison Avenue, Hoffman Place, Homer Street, Houston Avenue, Kay Street, Kay Street Boulevard, Levin Street, Lincoln Street, Malbone Avenue, Mann Avenue, Mary Street, Marlborough Street, Middleton Avenue, Mill Street, Morton Avenue, Mount Vernon Street, Oak Street, Ocean Avenue, Ochre Point Avenue, Old Beach Road, Perry Street, Pond Avenue, Powel Avenue, Prescott Hall Road, Prospect Hill Street, Rhode Island Avenue, Roseneath Avenue, Ruggles Avenue, Second Street, Sixth Street, Summer Street, Spring Street at Pope Street, Third Street, Thurston Avenue, Touro Street, Van Zandt Avenue, Warner Street, Washington Square, Washington Street, Water Works Road, West Broadway, West Marlborough Street, Whitehall Street.

**Streets Turnpiked**

Albion Street .....	320 ft. x 17 ft.	904 Sq.	Yds.
Eustis Ave. Kay to Bliss Road .....	1,680 ft. x 30 ft.	5,900 Sq.	Yds.
	<hr/> 2,000 ft.	<hr/> 6,204 Sq.	<hr/> Yds.

**New Granolithic Sidewalks**

Bath Road at Easton's Beach.....	386 ft. x 13 ft.
Calvert Street at Presbyterian Church .....	200 ft. x 6 ft. 6 in.
Calvert Street at Schoolhouse .....	120 ft. x 6 ft.
Harrison Avenue at St. Augustine Church.....	196 ft. x 4 ft. 6 in.
Meeting Street at Army & Navy Y. M. C. A. ....	224 ft. x 3 ft.
South Baptist Street, south side .....	571 ft. x 6 ft. 6 in.

**Sidewalks Repaired****Granolithic :**

Bellevue Avenue at Mill Street.....	73 ft. x 4 ft. 9 in.
Broadway at Atkinson's.....	6 ft. x 1 ft.
Broadway, bet. Clinton and Bay View Ave.....	120 ft. x 6 ft.
Franklin Street.....	4 ft. x 6 ft.
Mary Street.....	5 ft. x 5 ft.
Mill Street.....	12 ft. x 2 ft.
Gould Street.....	10 ft. x 7 ft.
Newport Avenue.....	10 ft. x 6 ft.
Old Beach Road.....	15 ft. x 4 ft. 9 in.
Sherman Street at Wilbor's.....	15 ft. x 5 ft.
Spring Street, Sherman north, east side....	184 ft. x 4 ft. 6 in.
Spring Street, Sherman north, west side....	108 ft. x 5 ft. 6 in.
Thames Street at Eddy's.....	31 ft. x 6 ft.
Thames Street at South Baptist Street.....	12 ft. x 6 ft.
Tilley Avenue at Tilley Estate.....	14 ft. x 1 ft.

**Asphalt Blocks :**

Bath Road at Easton's Beach.....	208 ft. x 8 ft.
DeBlois Street.....	40 ft. x 8 ft.

**Flagstone:**

Bridge Street at Green's.....	67 ft. x 6 ft.
Bridge Street at Westall's.....	65 ft. x 6 ft.
Calvert Street.....	20 ft. x 2 ft.

**Brick:**

DeBlois Street.....	100 ft. x 3 ft.
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**Dirt:**

Church Street, Spring to Bellevue Avenue.....	230 ft. x 6 ft.
Division Street.....	150 ft. x 6 ft.
Freebody Street, East Bowery to Berkeley.....	300 ft. x 4 ft.
Levin Street.....	600 ft. x 4 ft.
Pelham Street at Cottrell's Estate.....	50 ft. x 6 ft.

**Cinders:**

Bridge Street.....	483 ft. x 5 ft.
Dearborn Street, north side.....	582 ft. x 8 ft. 6 in.
Dearborn Street, south side.....	582 ft. x 8 ft.
Everett Street.....	960 ft. x 7 ft.
Hammond Street, north side.....	769 ft. x 8 ft.
Harrison Avenue.....	198 ft. x 4 ft. 6 in.
Holland Street, north side.....	615 ft. x 5 ft. 6 in.
Holland Street, south side.....	320 ft. x 5 ft.
Washington Street.....	112 ft. x 6 ft.

**Sidewalks Patched****Granolithic:**

Church Street.....

**Concrete:**

Market Square.....

**Flagstone:**

Ferry Wharf.....

Market Square.....

Thames Street at Bryer's Exchange.....

**Plank:**

Whitfield Court.....

**Dirt:**

Annandale Road.....

Brinley Street.....

Bridge Street.....

Burnside Avenue.....

Cannon Street.....

Carroll Avenue.....

Channing Street.....

Coddington Street.....

Dixon Street.....

Extension Street.....

Farewell Street.....

Malbone Avenue.....

Record Street.....

Van Zandt Avenue.....

**Dirt with Grass Border:**

Rhode Island Ave., Bath Road to Old Beach Road

**Crushed Stone:**

Church Street.....

**Cinders:**

Bedlow Avenue.....

Broadway near Bliss Road.....

Church Street.....

Farewell Street.....

Pelham Street at Cottrell Estate.....

**Ashes:**

Butler Street.....

Cannon Street.....

Chestnut Street.....

Elm Street.....

Extension Street.....

Garfield Street.....

Kingston Avenue.....

**Ashes:**

Levin Street.....	
Third Street.....	
Van Zandt Avenue.....	
Wellington Avenue.....	
Warner Street.....	
West Marlborough Street.....	
West Narragansett Avenue.....	
William Street.....	

**Sea Wall Raised and Repaired**

Bath Road at Easton's Beach.....	232 ft.
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**Street Repairs to the Weaver Fire District**

One of, if not the worse fire that ever happened in this city, occurred on the 29th of December, 1912. Considerable damage was done to the curb and granolithic sidewalks on Broadway, Spring Street and Sherman Street by the terrific heat from the fire of the Weaver and adjacent buildings.

All repairs have been made with the exception of the granolithic sidewalk in front of the Weaver building on Broadway, which could not be done on account of the erection of the new building.

The total cost was \$682.38, which was paid from the appropriation for Street Repairs.

**Detail expense as follows, viz:**

Broadway Curb.....	\$112 48
Spring Street Curb.....	325 72
Spring Street Granolithic Sidewalk.....	237 41
Sherman Street Curb.....	6 77
	<hr/>
	\$682 38

## REPORT OF STREET COMMISSIONER

## COMPARATIVE STATEMENT OF FUEL CONSUMED BY DEPARTMENT

	1911			1912			1913		
	Tons	Cds.	Cost	Tons	Cds.	Cost	Tons	Cds.	Cost
Cumberland Coal at \$5.75.....							124-1000		\$709.65
Cumberland Coal at \$5.45.....				116		632.28			
Cumberland Coal at \$5.20.....	173-1800		904.28	82		574.00			
Egg Coal at \$7.00.....	121		828.85						
Egg Coal at \$6.85.....									
White Ash Stove Coal at \$7.25.....				22		154.00	20-1000		148.63
White Ash Stove Coal at \$7.00.....	3		20.61				3		21.00
White Ash Stove Coal at \$6.87.....	23		157.55	3		20.55			
White Ash Stove Coal at \$6.85.....		33½	330.19		38½	378.98		35	341.27
Pine Wood at \$9.75 cord.....									
	320-1800	33½	\$2241.48	223	38½	\$1759.76	148	35	\$1220.55

### Forage Consumed at City Stable during the Municipal Year of 1913

**\$1795.83**

### INVENTORY OF PROPERTY BELONGING TO THE DEPARTMENT OF HIGHWAYS AND BRIDGES

#### Office

1	Victor safe.....	\$180 00	
1	Iron safe (City Yard office, Long Wharf)...	25 00	
1	Iron safe (Loaned License Commissioners)...	140 00	
1	Large Steel filing case.....	150 00	
1	Small Steel filing case.....	97 00	
1	Large fireproof cabinet.....	390 00	
	Furniture, clock, stoves, desk, copypress, etc.....	55 00	
1	Engineer's transit (City Engineer's Office)...	250 00	
1	Set Engineer's drafting instruments.....	5 50	
1	Plummet lamp .....	5 00	
1	Exploding battery.....	25 00	
1	Engineer's level and rod (City Engineer's Office) .....	50 00	\$1372 50

#### Wharf and Stable

1	Standard Scale .. .	\$295 00	
10	Horses.....	1500 00	
3	Stone wagons.....	300 00	
4	Dump carts.....	80 00	
2	Two-horse steel dump carts.....	300 00	
3	One-horse steel dump carts.....	375 00	
1	Double gear.....	75 00	
1	Single gear .....	50 00	
1	Express wagon.....	50 00	
1	Street sweeper .....	10 00	
1	Two-horse roller.....	200 00	
8	One-horse watering carts.....	400 00	
9	Two-horse watering carts.....	900 00	
4	Sets double harness.....	150 00	
4	Sets cart harness .....	20 00	
4	Sets single wagon harness.....	20 00	
7	Waterproof covers.....	7 00	
12	Woolen blankets.....	12 00	
7	Baker blankets.....	7 00	
9	Stable forks.....	4 50	
2	Wagon jacks.....	1 00	
3	Steam road rollers.....	9000 00	
2	Stone trucks.....	20 00	
10	Iron wheelbarrows.....	100 00	
2	Lawn mowers.....	5 00	



1	Derrick, complete.....	\$150 00
1	Controlling nozzle and pipe.....	10 00
6	Spanner wrenches.....	2 50
7	Hydrant wrenches.....	7 00
2	Ship pumps and hose (50 feet).....	75 00
72	Lanterns and globes.....	36 00
1	Gravel screen.....	6 00
1	Tree pruner.....	1 00
6	Ice picks.....	1 50
4	Cast iron stoves.....	50 00
4	Jack screws.....	8 00
1	Asphalt pot.....	3 00
2	Babbitt pots.....	2 00
2	Tar kettles on wheels.....	266 00
2	Claw hammers.....	80
1	Machinist hammer.....	50
1	Asphalt repair plant and tools, complete...	400 00
6	Asphalt maddocks.....	6 00
3	Three-inch augers.....	12 00
4	Small augers.....	2 00
1	Breast drill.....	2 00
4	Crosscut saws.....	6 00
1	Bit stock.....	2 00
8	Hand saws.....	4 00
1	Wood saw.....	1 00
1	Hack saw.....	1 00
4	Straight edges.....	4 00
2	Plows.....	25 00
2	Stone axes.....	3 00
34	Cutting tools.....	3 40
6	Hand drills.....	8 00
16	Iron bars.....	16 00
4	Tampers.....	4 00
3	Iron pounders.....	3 00
70	Iron pins.....	17 50
300	Lbs. steel.....	24 00
3	Striking hammers.....	4 50
9	Sledges.....	13 50
2	Anvils.....	7 50
2	Paving pounders.....	2 00
19	Picks.....	9 50
4	Levels.....	2 00
2	Four-wheel asphalt heaters.....	650 00
6	Trench braces.....	18 00
3	Maddocks.....	1 50
6	Iron rakes.....	4 50

2	Tape measures.....	\$1 00
1	Steel tape measure ..	7 50
24	Guard pins and ropes.....	4 80
2	Manhole guards. ....	5 00
1	Hydrant valve. ....	2 00
4	Tool boxes.....	10 00
3	Sets Blocks and falls.....	15 00
10	Stilson wrenches.....	10 00
4	Monkey wrenches.....	2 00
2	Pair chain tongs.....	10 00
2	Bolt cutters.....	1 00
3	Bench vises.....	12 00
1	Flush tank.....	30 00
1	24-inch manhole cover and rim.....	9 50
18	Long handle shovels.....	18 00
6	Short handle shovels.....	4 50
1	Stone roller.....	25 00
7	Large axes.....	10 50
5	Ox chains.....	5 00
6	Spades.....	6 00
4	Scythes and blades.....	6 00
3	Squares.....	3 00
1	Trowel .....	50
16	Hoes.....	9 60
2	Pair Oilskin pants.....	2 00
11	Suits Oilskins .....	22 00
10	Pair rubber boots.....	50 00
6	Pipe wrenches. ....	3 00
3	California pumps.....	4 50
2	Smoothing trowels.....	1 50
1	Pair trimming shears.....	1 50
2	Step ladders.....	2 00
1	Joiner (Granolithic tool).....	1 00
1	Emery wheel.. ....	5 00
3	Planes .....	6 25
2	Screw drivers.....	1 00
1	Set dies and tape.....	15 00
1	Bevel .....	1 00
1	Pipe cutter.....	1 00
1	Painter's torch.....	1 50
2	Sets stencils.....	3 00
1	Hatchet.....	50
3	50-gallon oil cans.....	12 00
2	Funnels.....	50
2	$\frac{1}{2}$ gallon measures.....	1 00
1	Blacksmith's portable forge.....	12 60

1	Pair snips.....	\$2 00	
1	Set sewer cleaning rods and fittings.....	50 00	
6	Sewer brushes.....	73 00	
1	Soldering iron.....	1 50	
1	Ratchet drill and 16 drills.....	18 00	
2	Iron clamps.....	1 00	
1	Drawing knife.....	1 00	
1	Extension bit.....	1 25	
1	Norton jack (15 ton).....	48 00	
1	Extension ladder (30 feet).....	3 00	
1	Ladder (18 feet).....	2 00	
1	Upright self-feeding drill and 14 drills.....	29 00	
3	Five-gallon oil cans.....	3 00	\$16340 70

**Settling Tank**

1	Centrifugal pump and fittings.....	\$300 00	
1	Hoisting engine.....	150 00	
1	Boiler.....	365 00	\$815 00

**Quarry**

1	Crusher engine and boiler.....	\$4500 00	
1	Fairbank's scales.....	100 00	
1	Bellows.....	15 00	
2	Vises.....	10 00	
1	Anvil.....	7 00	
1	Chain fall.....	10 00	
1	McKiernan Steam drill and fittings.....	296 00	\$4938 00

**Ocean Avenue**

1	Steam boiler, pump and tanks.....	\$500 00	
1	Windmill (pump at yard) formerly at Bailey's Beach.....	500 00	\$1000 00

**Collins Beach**

1	Steam boiler, pump and tank.....	\$500 00
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**Hazard's Beach**

1	Steam boiler, pump and tank.....	\$700 00
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**Long Wharf**

1	Steam boiler, pump and tank.....	\$300 00
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**Second Ward Sewerage System**

Pump house, tank, electric motors and pumps, etc.....	\$7500 00
	<u>\$33466 20</u>

**STATEMENT OF CASH RECEIVED AND DEPOSITED WITH  
THE CITY TREASURER DURING THE  
MUNICIPAL YEAR OF 1913**

General Fund		Highway Fund	
Wharfage.....	\$211 66	Materials .....	\$323 56
Weighing .....	120 35	Relaying Roadbeds....	3549 02
Permits.....	158 50	Repairing Sidewalks..	2 28
Street Sweepings.....	234 00	Old Lumber.....	11 00
Manure .....	69 50	Use of Steam Roller..	268 63
Outstanding Accounts..	8 00	Use of Tar Kettle.....	15 00
Junk.....	36 31	Use of Sewer Rods....	50
Old Stone.....	50	Use of Horse Roller...	6 00
		Use of Pump.....	109 00
		Applying Dustoline....	200 00
		Sewer Repairs... ..	46 12
		Catch Basins Repairs..	19 53
	<hr/>		<hr/>
	\$838 82		\$4,550 64

**RECEIPTS AND EXPENDITURES OF ACCOUNTS IN CHARGE  
OF THE DEPARTMENT OF HIGHWAYS AND BRIDGES  
FOR THE MUNICIPAL YEAR 1913**

Receipts	
Appropriation.....	\$157,700 00
Appropriation, Calvert St. Granolithic Sidewalk .....	300 00
Appropriation, Harrison Ave. Granolithic Sidewalk .....	300 00
Appropriation, Calvert St. Curb and Granolithic Sidewalk .....	425 00
Appropriation, South Baptist St. Granolithic Sidewalk ..	650 00
Cash received and deposited with the City Treasurer to the credit of the Highway Fund, as per above state- ment.....	4,550 64
	<hr/>
	\$163,925 64
Disbursements	
Paid for Labor .....	\$87,856 26
Paid for Materials .....	43,702 92
Paid for Amortization .....	32,366 46
	<hr/>
	\$163,925 64

STATEMENT SHOWING APPROPRIATIONS, DEPOSITS WITH CITY TREASURER, DISBURSEMENTS  
AND BALANCES OF ACCOUNTS IN CHARGE OF THE DEPARTMENT OF HIGHWAYS  
AND BRIDGES DURING THE MUNICIPAL YEAR OF 1913

	Appropriation	Deposit City Treas.	Total Appro.	Disbursement	Balances
<b>PUBLIC WEIGHTS AND MEASURES</b>					
3.7 City Scales, City Wharf.....	\$25.00	\$	\$25.00	\$4.75	\$20.25
<b>PUBLIC SAFETY</b>					
3.8—Railroad Crossings.....	25.00		25.00		25.00
<b>PUBLIC SANITATION</b>					
5.0—Supervision.....	2,640.00		2,640.00	2,609.43	30.57
5.1—Street Cleaning.....	30,000.00		30,000.00	29,809.11	190.89
5.2—Refuse Disposal.....					
Collection and Disposal.....	10,100.00		10,100.00	10,033.66	66.34
Labor at Dumps, etc.....	1,500.00		1,500.00	1,410.61	89.39
Install Refuse Cans.....	200.00		200.00	187.02	12.98
5.3—Sewers and Sewerage Disposal.....	8,500.00	175.15	8,675.15	8,371.26	303.89
5.3—Settling Tank, clean, etc.....	700.00		700.00	673.72	26.28
5.3—Second Ward Sewerage System.....	1,000.00		1,000.00	899.39	100.61
<b>5.3—SEWER CONSTRUCTION</b>					
Marchant Street.....	6,000.00		6,000.00	3,026.61	2,973.39
Sylvan Street.....	600.00		600.00	575.00	25.00
Third Street.....	10,000.00		10,000.00		10,000.00
Casey Court.....	10,000.00		10,000.00		10,000.00
King Street.....	150.00		150.00	43.20	106.80
<b>5.3—CATCH BASIN CONSTRUCTION</b>					
Cliff Avenue.....	100.00		100.00	98.92	1.08
East Bowery Street.....	100.00		100.00	95.11	4.89
Marchant Street.....	1,125.00		1,125.00	1,079.10	45.90
	\$32,715.00	\$175.15	\$32,890.15	\$58,912.14	\$23,978.01

PUBLIC HIGHWAYS AND BRIDGES				
	\$			
6.0 Supervision.....	\$3,440.00	\$3,440.00	\$3,290.20	\$149.80
6.2 Street Repairs.....	27,000.00	30,963.49	30,921.38	42.11
6.2 Bellevue Avenue, asphalt macadam.....	8,000.00	8,000.00	7,997.86	2.14
6.2 Easton's Beach Road, asphalt macadam.....	4,500.00	4,701.00	4,700.89	11
6.2 Sea Wall Repairs.....	400.00	400.00	135.62	264.38
6.2—City Yard Building Repairs.....	500.00	500.00	240.05	259.95
6.2 Horses.....	750.00	750.00	550.00	200.00
6.2 5-ton Tandem Roller.....	2,150.00	2,150.00	2,075.00	75.00
6.2 Repairs to house, damaged by runaway roller, transferred from Bush Street and Freebody Street.....	500.00	500.00	262.36	237.64
6.3-4-5 CONSTRUCTION				
Albro Street, macadam, etc.....	840.00	840.00	740.78	99.22
Bush Street, macadam.....	375.00	375.00	341.91	33.09
Transferred.....	700.00	700.00	598.06	101.94
Eustis Avenue, turnpike.....	150.00	150.00	102.60	47.40
Freebody Street, macadam.....	350.00	350.00	303.82	50.18
Transferred.....	200.00	200.00	175.00	25.00
LaSalle Place, curb and macadam.....	1,105.00	1,105.00	803.82	301.18
Waites Wharf, macadam.....	350.00	350.00	285.24	64.76
Meeting Street, curb and granolithic sidewalk.....	775.00	775.00	633.33	141.67
Calvert Street, granolithic sidewalk.....	300.00	300.00	202.14	97.86
Harrison Avenue, granolithic sidewalk.....	300.00	300.00	277.80	22.20
Calvert Street, curb and granolithic sidewalk.....	425.00	425.00	312.99	112.01
South Baptist Street, granolithic sidewalk.....	650.00	650.00	486.41	163.59
6.6—Snow Removal.....	3,500.00	3,500.00	111.03	3,388.97
6.8—Street Sprinkling.....	18,500.00	18,700.00	13,641.32	5,058.68
6.9—Bridge Repairs.....	1,000.00	1,000.00	359.28	640.72
6.9 CONSTRUCTION				
Easton's Beach Bridge.....	2,000.00	2,011.00	1,514.51	496.49
	\$73,210.00	\$77,585.49	\$70,564.58	\$7,020.91

	Appropriations	Deposit City Treas.	Total Appro.	Disburse- ments	Balances
<b>PUBLIC RECREATIONS</b>					
9.5—Bathing Beaches.....	\$500.00		\$500.00	\$381.94	\$118.06
Forty Steps.....	50.00		50.00	26.02	23.98
City Piers.....	1,000.00		1,000.00	334.57	665.43
	\$1,550.00		\$1,550.00	\$742.53	\$807.47
<b>PUBLIC RECREATIONS, MISCELLANEOUS</b>					
9.7—Tree Preservation.....	\$600.00		\$600.00	\$411.68	\$188.32
City Fountains.....	150.00		150.00	69.50	80.50
	\$750.00		\$750.00	\$481.18	\$268.82
<b>PUBLIC DOCKS AND WHARVES</b>					
10.7—City Wharf.....	\$900.00		\$900.00	\$812.23	\$87.72
City Floats.....	50.00		50.00	41.72	8.28
City Bows.....	150.00		150.00		150.00
	\$1,100.00		\$1,100.00	\$854.00	\$246.00
<b>SUMMARY</b>					
Public Weights and Measures.....	\$25.00	\$	\$25.00	\$4.75	\$20.25
Public Safety.....	25.00		25.00		25.00
Public Sanitation.....	82,715.00	175.15	82,890.15	58,912.14	23,978.01
Public Highways and Bridges.....	73,210.00	4,375.49	77,585.49	70,564.58	7,020.91
Public Recreations.....	1,550.00		1,550.00	742.53	807.47
Public Recreations, Miscellaneous.....	750.00		750.00	481.18	268.82
Public Docks and Wharves.....	1,100.00		1,100.00	864.00	246.00
	\$159,375.00	\$4,550.64	\$163,925.64	\$131,559.18	\$32,366.46

**SUMMARY OF EXPENDITURES OF THE DEPARTMENT OF  
HIGHWAYS AND BRIDGES FOR THE MUNICIPAL  
YEAR OF 1913**

	Labor	Materials	Total
<b>Public Weights and Measures.</b>			
3.7 City Scales, City Wharf.....	\$2 75	\$2 00	\$4 75
<b>Public Sanitation.</b>			
5.0 Supervision.....	\$2544 23	\$65 20	\$2609 43
5.1 Street Cleaning :			
Cleaning Streets.....	15155 49	323 71	15479 20
Cleaning Thames Street.....	6001 34	567 47	6568 81
Cleaning Spring Street.....	2365 33	185 17	2550 50
Cleaning Broadway .....	2119 04	199 28	2318 32
Cleaning Long Wharf.....	907 69	63 73	971 42
Cleaning Bellevue Avenue....	1827 73	25 64	1853 37
Clean-up-days.....	37 94	23 30	61 24
Cleaning Dock, Long Wharf..	6 25		6 25
5.2 Refuse Disposal :			
Collection and Disposal.....	10033 66		10033 66
Labor at Dumps etc.....	1405 72	4 89	1410 61
Install Refuse Cans.....	33 78	153 24	187 02
5.3 Sewers and Sewerage Disposal :			
Cleaning Main Sewers.....	2425 06	207 09	2632 15
Cleaning Culverts.....	49 29	7 54	56 83
Sewer Repairs.....	99 38	84 03	183 41
Culvert Repairs.....	39 29	17 59	56 88
Cleaning catch basins and eyes	3036 32	477 89	3514 21
Repairing catch basins and			
eyes.....	305 48	47 40	352 88
Repairing manholes.....	40 78	11 14	51 92
5.3 Construction, (emergency Sew-			
ers):			
Bay Side Avenue, extend....	136 53	51 57	188 10
Calvert Street (Greene .....	78 35	25 32	103 67
Champlin Street, Hunter Ave-			
nue, south.....	64 86	6 15	71 01
Coggeshall Avenue, Morton			
Avenue, south .....	103 07	28 66	131 73
Kay Terrace .....	191 08	57 16	248 24
Peckham Avenue, extend ...	90 16	31 90	122 06
Rosedale Avenue, extend....	101 99	36 81	138 80
Vaughan Avenue.....	202 28	50 82	253 08
Harrison Avenue Culvert....	128 24	1 37	129 71



# REPORT OF STREET COMMISSIONER

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5.3	Construction, (emergency catch basins and eyes):			
	Harrison Avenue, catch basin	\$13 46	\$16 04	\$29 50
	Sea View Avenue eye.....	47 94	12 79	60 73
	Tew's Court eye.....	33 05	13 30	46 35
5.3	Settling tank:			
	Cleaning.....	284 83	106 31	391 14
	Repairs.....	223 61	58 97	282 58
5.3	Second Ward Sewerage System:			
	Maintenance.....	28 25	628 94	657 19
	Kay Street boulevard sewer, Eustis Avenue, east.....	172 64	69 56	242 20
5.3	Sewer Construction (Special):			
	King Street.....	41 83	1 37	43 20
	Marchant Street.....	1585 08	1441 53	3026 61
	Sylvan Street.....	445 57	129 43	575 00
5.3	Catch Basin Construction (Special):			
	Cliff Avenue.....	59 36	39 56	98 92
	East Bowery Street.....	60 21	34 90	95 11
	Marchant Street.....	673 21	405 89	1079 10
		<u>\$53199 48</u>	<u>\$5712 66</u>	<u>\$58912 14</u>

## Public Highways and Bridges.

6.0	Supervision .....	\$2836 04	\$454 16	\$3290 20
6.2	Street Repairs,			
	Repairs:			
	General Repairs Streets.....	908 65	1093 14	2001 79
	Annandale Road.....	18 66	57 03	75 69
	Ayrault Street.....	18 86	5 30	24 16
	Bellevue Avenue.....	9 22	2 70	11 92
	Bliss Road.....	135 64	161 82	297 46
	Broadway.....	103 29	115 93	219 22
	Carey Street.....	42 13	67 50	109 63
	Cherry Street.....	28 85	42 63	71 48
	Dean Avenue.....	42 58	97 74	140 32
	Dresser Street.....	39 02	37 98	77 00
	Elm Street.....	114 30	189 42	303 72
	Elliott Place.....	19 00	16 74	35 74
	Equality Park Place.....	9 50	12 06	21 56
	Eustis Avenue.....	77 65	2 05	79 70
	Fair Street.....	26 55	27 98	54 53
	Friendship Street.....	61 11	18 98	80 09
	Garfield Street.....	9 78	4 11	13 89
	Girard Avenue.....	15 00		15 00

## 6.2. Street Repairs:

Hammond Street.....  
 Harrison Avenue.....  
 Hoffman Place.....  
 Ledge Road.....  
 Mann Avenue.....  
 Market Square.....  
 Malbone Road.....  
 Marine Avenue.....  
 Mill Street.....  
 Narragansett Avenue.....  
 Ocean Avenue.....  
 Pearl Street.....  
 Pelham Street.....  
 Red Cross Avenue.....  
 Ridge Road.....  
 Ruggles Avenue.....  
 Second Street.....  
 Third Street.....  
 Touro Street.....  
 Training Street.....  
 Washington Street.....  
 Washington Street.....  
 West Broadway.....  
 Re-macadamize:  
   Ann Street.....  
   Cranston.....  
   Hunt.....  
   King.....  
   Meeting.....  
   Thames.....  
   Ward.....  
 Re-surface:  
   Roth.....  
 Asphalt:  
   Bath.....  
   Bath.....  
   Hart.....  
   Hart.....  
 Re-Gravel:  
   Bath.....  
 Pavement:  
   Bath.....  
   Bath.....  
   Spot.....  
   Spot.....

<b>Construction:</b>			
Street, turnpike, macadamize, etc.....	\$412 20	\$328 58	\$740 78
Cash Street, macadamize, etc.	134 46	207 45	341 91
Wustis Avenue, turnpike, Kay to Bliss.....	577 61	20 45	598 06
Gregbody Street, East Bowery to Berkeley Avenue, macadamize, etc... ..	46 16	56 44	102 60
LaSalle Place, curb north side and macadamize.....	334 87	468 95	803 82
Walters Wharf, macadamize, etc.....	118 30	146 94	265 24
Meeting Street, curb and granolithic sidewalk at Army and Navy Y. M. C. A.....	322 74	310 59	633 33
Calvert Street, granolithic sidewalk at Presbyterian Church .....	131 42	70 72	202 14
Harrison Avenue, granolithic sidewalk at St. Augustine Church .....	179 59	98 21	277 80
Calvert Street, curb and granolithic sidewalk at Calvert School .....	190 77	122 22	312 99
South Baptist Street, granolithic sidewalk .....	270 68	215 73	486 41
6.5 Snow Removal.....	81 00	30 03	111 03
6.5 Street Sprinkling:			
Watering, repairs.....	1241 22	523 90	1765 12
Watering, apply.....	7473 94	358 72	7832 66
Applying dustoline.....	168 37	3875 17	4043 54
6.5 Bridge Repairs:			
Van Zandt Avenue.....	143 17	213 04	356 21
Green Bridge, Ocean Avenue...	2 75	32	3 07
6.5 Construction:			
Easton's Beach Bridge.....	797 56	603 23	1400 79
Easton's Beach Bridge, posts, etc.....	94 71	19 01	113 72
	<hr/>	<hr/>	<hr/>
	\$32921 96	\$37642 62	\$70564 58

**Public Recreations.**

9.5 Easton's Beach.....	\$380 23	\$1 71	\$381 94
Forty Steps.....	24 00	2 02	26 02

6.2. Street Repairs:			
Ledyard Pl. and Broadway...	\$96 26	\$61 24	\$157 50
Ochre Point and Narragagan-			
sett Ave.....	49 58	39 29	88 87
Prairie Avenue and Champlin			
Street .....	22 25	7 85	30 10
Prescott Hall and So. Mayd St.	37 69	10 21	47 90
Van Zandt Ave. and Hall Ave.	116 32	74 75	191 07
Moving back Curb :			
Friendship St. and Broad-			
way .....	75 51	11 50	87 01
Replace Curb :			
Broadway at Weaver Building	47 20	65 28	112 48
Sherman Street.....	6 08	69	6 77
Spring Street.. ..	155 01	170 71	325 72
Tilley Avenue.....	11 96	1 85	13 81
Granolithic Curb :			
Deblois Street.....	36 40	6 58	42 98
Repair Curb :			
Broadway near Caleb Earl St.,	5 33	69	6 02
Crossings :			
Repair and Relay.....	2023 23	2426 13	4449 36
Gutters :			
General Repairs.....	55 92	7 02	62 94
Bellevue Avenue.....	11 00	1 35	12 35
Bull Street.....	175 93	34 50	210 43
Meeting Street.....	50 11	9 60	59 71
Mount Vernon Street.....	29 18	7 09	36 27
Sherman Street.....	14 58	69	15 27
Driveways :			
Relay and Repair.....	66 39	9 35	75 74
Gould Street at No. 41.....	11 00	1 93	12 93
6.2 Bellevue Ave. Asphalt Macadam	1861 45	6136 41	7997 86
6.2 Easton's Beach Road Asphalt			
Macadam.....	796 43	3904 46	4700 89
6.2 Sea Wall Repairs :			
Ocean Ave. at Graves Point..	61 78	19 14	80 92
Easton's Beach.....	41 06	1 37	42 43
Briggs Wharf.....	11 59	68	12 27
6.2 City Yard Building Repairs....	133 50	106 55	240 05
6.2 Horses.....		550 00	550 00
6.2 5-ton Tandem Roller.....		2075 00	2075 00
6.2 House damaged by runaway			
roller .....	215 02	47 34	262 36

## 6.3-4-5 Construction :

Albro [Street, turnpike, macadamize, etc.....	\$412 20	\$328 58	\$740 78
Bush Street, macadamize, etc.	134 46	207 45	341 91
Eustis Avenue, turnpike, Kay to Bliss.....	577 61	20 45	598 06
Freebody Street, East Bowery to Berkeley Avenue, macadamize, etc... ..	46 16	56 44	102 60
LaSalle Place, curb north side and macadamize.....	334 87	468 95	803 82
Waites Wharf, macadamize, etc.....	118 30	146 94	265 24
Meeting Street, curb and granolithic sidewalk at Army and Navy Y. M. C. A.....	322 74	310 59	633 33
Calvert Street, granolithic sidewalk at Presbyterian Church .....	131 42	70 72	202 14
Harrison Avenue, granolithic sidewalk at St. Augustine Church .....	179 59	98 21	277 80
Calvert Street, curb and granolithic sidewalk at Calvert School.....	190 77	122 22	312 99
South Baptist Street, granolithic sidewalk.....	270 68	215 73	486 41
6.6 Snow Removal.....	81 00	30 03	111 03
6.8 Street Sprinkling :			
Watering, repairs.....	1241 22	523 90	1765 12
Watering, apply.....	7473 94	358 72	7832 66
Applying dustoline.....	168 37	3875 17	4043 54
6.9 Bridge Repairs :			
Van Zandt Avenue.....	143 17	213 04	356 21
Green Bridge, Ocean Avenue...	2 75	32	3 07
6.9 Construction :			
Easton's Beach Bridge.....	797 56	603 23	1400 79
Easton's Beach Bridge, posts, etc.....	94 71	19 01	113 72
	<hr/>	<hr/>	<hr/>
	\$32921 96	\$37642 62	\$70564 58

## Public Recreations.

9.5 Easton's Beach.....	\$380 23	\$1 71	\$381 94
Forty Steps.....	24 00	2 02	26 02

**Public Recreations :****City Piers :**

Ann Street.....		\$112 00	\$112 00
Elm Street.....	2 67	5 16	7 83
Van Zandt Avenue....	154 28	60 46	214 74
	<u>\$561 18</u>	<u>\$181 35</u>	<u>\$742 53</u>

**Miscellaneous****9.7 City Fountains :**

Cleaning . . . . .	\$26 05	\$1 69	\$27 74
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**Repairs :**

Paid freight on fountain.....		96	96
Bellevue Avenue at Bailey's			
Beach.....	3 50	90	4 40
Easton's Beach.....	1 00		1 00
Thames St., opp. Wellington			
Avenue.....	7 00	2 05	9 05
Touro Park, west.....	2 00	20	2 20
Washington Square.....	3 50	9 50	13 00
West Broadway..	6 50	4 65	11 15

**9.7 Tree Preservation:**

Trim and remove.....	248 41	31 02	279 43
Spraying.....	127 00	5 25	132 25
	<u>\$424 96</u>	<u>\$56 22</u>	<u>\$481 18</u>

**Public Docks and Wharves**

10.7 City Wharf.....	\$718 06	\$94 22	\$812 28
City Floats.....	27 87	13 85	41 72
	<u>\$745 93</u>	<u>\$108 07</u>	<u>\$854 00</u>

**Summary**

Public Weights and Measures...	\$2 75	\$2 00	\$4 75
Public Sanitation. . . . .	53199 48	5712 66	58912 14
Public Highways and Bridges...	32921 96	37642 62	70564 58
Public Recreations.....	561 18	181 35	742 53
Public Recreations, Miscellaneous	424 96	56 22	481 18
Public Docks and Wharves.....	745 93	108 07	854 00
	<u>\$87856 26</u>	<u>\$49702 92</u>	<u>\$131559 18</u>

**EASTON'S BEACH IMPROVEMENT**

Upon request of the Honorable Board of Aldermen, this department made the following improvements at Easton's Beach, the expense of which was paid from the special appropriation for this purpose.

Street Commissioner's Estimate \$1,790.00; Disbursement \$1,529.24; Balance \$230.76.

**Improvements**

Retaining Wall—444' x 3' x 17"—containing 75½ cubic yards.	\$279 45
Granite Curb and Gutter, 373 feet in length.....	623 48
Granolithic Sidewalk, 386 feet, containing 557.6 sq. yds. ....	626 31
<b>Total Cost</b>	<b>\$1529 24</b>

Detail expense of which is as follows, viz:

**Retaining Wall**

Labor as per Pay Rolls.....	\$222 61
Cement.....	56 24
Spikes.....	60
	<b>\$279 45</b>

**Laying Granite Curb**

Labor as per Pay Rolls.....	\$33 00
Labor.....	240 31
	<b>\$273 31</b>
Granite Curb.....	\$230 66
Granite Culls.....	119 51
	<b>\$350 17</b>
	<b>\$623 48</b>

**Granolithic Sidewalk**

Labor as per Pay Rolls.....		\$379 70
73-400 tons Crushed Stone.....	\$87 84	
11 bbls. Cement @ 1.62.....	\$17 82	
87 bbls. Cement @ 1.47.....	127 89	145 71
Lumber.....	96	
New Tools.....	4 40	
Tool Repairs.....	30	
Tarred Paper.....	2 00	
45 lbs. Lampblack.....	5 40	246 61
		<b>\$626 31</b>

**Playgrounds**

Also by request of the Honorable Board of Aldermen, this department graded and rolled the two new playgrounds, the expense of which was paid from the appropriation for that purpose, viz:

Ruggles Avenue.....	\$245 92
Vernon Avenue.....	5 72
	<b>\$251 64</b>

**DETAIL OF EXPENDITURES OF THE DEPARTMENT OF HIGH-  
WAYS AND BRIDGES FOR THE MUNICIPAL YEAR  
OF 1913.**

**PUBLIC WEIGHTS AND MEASURES**

**June**

1 Simon Hart, scale books.....	\$2 00
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**December**

Pay Rolls.....	2 75
	<hr/> \$4 75

**PUBLIC SANITATION**

**January**

1 Blaisdell Paper Pencil Company, pencils.....	\$1 65
2 Wm. B. Scott & Company, brooms.....	35 00
3 John H. Sullivan, refuse disposal, contract.....	380 25
4 John H. Sullivan, refuse disposal.....	455 00
5 Wm. B. Scott & Company, clam digger.....	75
6 J. D. Johnson, lumber.....	12 93
7 Wm. B. Scott & Company, pail.....	65
8 S. W. Coggeshall, bit.....	30
9 J. T. O'Connell, sieve.....	15
10 Boston & Lockport Block Company, valve rubbers..	7 20
11 Highways and Bridges, express.....	25
12 J. K. Sullivan, gravel.....	12
13 M. F. Shea, cart repairs.....	1 50
14 Charles S. Goddard, tool repairs.....	75
15 Alexander J. Fludder, pipe.....	1 14
16 J. K. Sullivan, gravel.....	23
17 Scannevin & Potter, inspection sewer pumping station	10 00
18 Bay State Street Railway Company, electricity.....	17 69
19 J. K. Sullivan, gravel.....	42
20 John M. Friend, pipe.....	43 70
Pay Rolls.....	1772 76
	<hr/> \$2742 44

**February**

21 The Milne Printery, printing.....	\$5 00
22 L. C. Smith & Bros. Typewriter Company, repairs..	4 45
23 S. W. Coggeshall, scoop.....	1 50
24 John H. Sullivan, refuse disposal.....	780 00
25 S. W. Coggeshall, fork.....	75



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26	Wm. B. Scott & Company, screws.....	\$ 28
27	Charles S. Goddard, iron rod.....	25
28	J. K. Sullivan, gravel.. . . .	08
29	Stephen L. Goddard, repair faucet.....	50
30	J. K. Sullivan, gravel.....	22
31	Alexander J. Fludder, grate and frame, cement, etc.	10 92
32	A. & H. G. Hammett, brick.....	3 45
33	J. K. Sullivan, gravel.....	30
34	The Bay State Street Railway Co., electricity.....	37 11
35	S. W. Coggeshall, copper wire.....	44
36	J. T. O'Connell, wire rope... ..	1 00
	Pay Rolls.....	1442 49
		<hr/>
		\$5031 18

## March

37	Ward Printing Company, printing.....	\$7 50
38	Harry L. DeBlois, street hoes.....	19 50
39	Wm. B. Scott & Company, brooms, etc.....	87 75
40	M. F. Shea, cart repairs.....	45 00
41	John H. Sullivan, refuse disposal.....	200 00
42	John H. Sullivan, refuse disposal.....	417 50
43	James S. Ramlose, rubber boots.....	13 05
44	Harold L. Bond Company, couplings, etc.....	54 30
45	Boston & Lockport Block Company, hose, etc.....	44 50
46	N. Y., N. H. & H. R. R. Co., freight.....	50
47	The Blake & Knowles Pump Works, valves .....	2 94
48	J. K. Sullivan, gravel.....	98
49	Alexander J. Fludder, pipe and cement .....	7 35
50	James S. Ramlose, rubber boots.....	6 50
51	P. F. McDonald, cart repairs.....	18 20
52	John M. Friend, pipe.....	6 84
53	J. K. Sullivan, gravel.....	22
54	Charles S. Goddard, tool repairs.....	20
55	The Bay State Street Railway Co., electricity.....	49 94
56	J. T. O'Connell, rope .....	5 70
	Pay Rolls.....	1842 35
		<hr/>
		\$7862 00

## April

57	John Gladding Jr., printing.....	\$5 50
58	George H. Carr, office supplies.....	2 80
59	Wm B. Scott & Company, dust cloth.....	25
60	S. W. Coggeshall, tools.....	10 25
61	D. J. Sullivan, tool repairs.....	1 10
62	M. F. Shea, cart repairs.....	1 25
63	Neffe and Hattub, refuse disposal, contract.....	214 59

64	Neff and Hattub, refuse disposal, contract.....	\$799 59
65	S. W. Coggeshall, padlock etc.....	53
66	James S. Ramlose, repair rubber boots .....	1 15
67	S. W. Coggeshall, shovels.....	27 50
68	Alexander J. Fludder, pipe.....	1 01
69	J. K. Sullivan, gravel.....	11
70	D. J. Sullivan, tool repairs.....	1 25
71	A. and H. G. Hammett, lumber.. ..	36
72	M. F. Shea, cart repairs.....	32 00
73	Charles S. Goddard, hoop on pail.....	25
74	J. K. Sullivan, gravel.....	04
75	Charles S. Goddard, tool repairs.....	30
76	M. F. Shea, iron, etc.....	2 52
77	D. J. Sullivan, tool repairs.....	35
78	John M. Friend, pipe.....	27 30
79	J. K. Sullivan, gravel .....	23
80	D. J. Sullivan, tool repairs.....	1 40
81	Alexander J. Fludder, pipe and cement.....	100 38
82	John M. Friend, brick.....	8 63
83	J. K. Sullivan, gravel.....	1 47
84	D. J. Sullivan, tool repairs.....	1 50
85	The Bay State Street Railway Co., electricity.....	69 40
	Pay Rolls.....	4477 20

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**\$13652 21**
**May**

86	Simon Hart, office supplies.....	\$1 60
87	Vacuum House Cleaning Co., Cleaning rugs.....	75
88	Wm. B. Scott & Company, tools .....	14 20
89	Harry L. DeBlois, street hoes.....	19 50
90	H. L. Marsh Company, bag.....	25
91	J. T. O'Connell, sash cord.....	1 27
92	D. J. Sullivan, dressing pins.....	50
93	Lynch Brothers, cart repairs.....	50
94	Neff & Hattub, refuse disposal, contract, .....	799 59
95	J. D. Johnston, lumber.....	1 16
96	Fuller Iron Works, manhole ring and grate.....	9 00
97	Charles S. Goddard, cart repairs .....	1 05
98	Bay State Street Railway Co., electricity.....	73 81
	Pay Rolls.....	3662 68

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**\$18238 07**
**June**

99	Wm. B. Scott & Company, brooms, etc.....	\$44 50
100	S. W. Coggeshall, sash cord.....	1 23
101	T. T. Pitman Corp., advertising services.....	8 75

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102	Herald Publishing Co., advertising services.....	\$7 70
103	Neffe & Hattub, refuse disposal, contract.....	799 59
104	S. W. Coggeshall, fork.....	95
105	The Dyar Supply Co., refuse cans.....	100 00
106	Highways and Bridges, express.....	2 74
107	J. T. O'Connell, cotton rope.....	2 00
108	Newport Gas Light Company, pipe.....	9 60
109	Alexander J. Fludder, cement....	1 14
110	J. K. Sullivan, gravel.....	1 16
111	P. J. Burns, kerosene.....	5 00
112	Highways and Bridges, freight.....	37
113	James P. Taylor, oil hat.....	50
114	Charles S. Goddard, repair pail.....	50
115	Alexander J. Fludder, cement.....	37
116	J. K. Sullivan, gravel.....	11
117	The Bay State Street Railway Co., electricity ...	85 53
	Pay Rolls.....	3959 54

\$23269 35

## July

118	Ward Printing Company, printing.....	\$7 00
119	Wm. B. Scott & Company, brooms.....	42 00
120	S. W. Coggeshall, shovel, etc.....	1 80
121	J. T. O'Connell, marline.....	25
122	Wm. K. Covell, watering pot.....	60
123	Neffe & Hattub, refuse disposal, contract.....	799 59
124	Philip F. Conroy, pipe and labor.....	34 28
125	Broadway Hardware Company, locks.....	4 00
126	Thos. F. Keeher, lumber and milling.....	4 24
127	Alexander J. Fludder, cement.....	2 20
128	J. K. Sullivan, gravel.....	49
129	J. T. O'Connell, bronzite.....	50
130	Alexander J. Fludder, cement....	3 96
131	J. K. Sullivan, gravel.....	86
132	John M. Friend, cement.....	45
133	Lynch Brothers, cart repairs.....	40
134	Wm. B. Scott & Company, pails... ..	1 30
135	Charles S. Goddard, hoops on pails.....	1 25
136	S. W. Coggeshall, mortar hoe.....	65
137	Alexander J. Fludder, cement.....	2 57
138	J. K. Sullivan, gravel.....	11
139	D. J. Sullivan, tool repairs.....	3 50
140	The Bay State Street Railway Co., electricity.....	53 23
141	Alexander J. Fludder, pipe and cement.....	19 11
142	John M. Friend, brick.....	11 50

143	J. K. Sullivan, gravel.....	\$2 18
144	S. W. Coggeshall, pails.....	2 00
	Pay Rolls.....	5091 21

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\$29360 56

## August

145	S. T. H. Ailman, office supplies.....	\$5 40
146	C. A. Hileken, mounting old map.....	3 50
147	H. L. Marsh Company, bag.....	25
148	Neffor & Hattub, refuse disposal, contract.....	799 59
149	S. W. Coggeshall, wire.....	12
150	J. K. Sullivan, gravel.....	08
151	D. J. Sullivan, tool repairs.....	15
152	Jas. S. Ramlose, rubber boots.....	9 00
153	J. K. Sullivan, gravel ..	08
154	M. F. Shea, repair grating.....	1 00
155	D. J. Sullivan, repair grating.....	1 00
156	The Bay State Street Railway Co., electricity.....	44 22
157	James F. Marden Company, broom.....	65
158	D. J. Sullivan, tool repairs.....	90
159	Alexander J. Fludder, pipe.....	23 79
160	J. K. Sullivan, gravel.....	84
161	D. J. Sullivan, tool repairs.....	3 15
162	Alexander J. Fludder, pipe.....	43 66
163	John M. Friend, pipe .....	1 17
164	Alexander J. Fludder, pipe.....	8 04
165	D. J. Sullivan, tool repairs.....	2 70
166	John M. Friend, pipe.....	379 72
167	Alexander J. Fludder, pipe.....	298 12
168	J. K. Sullivan, gravel.....	3 60
169	D. J. Sullivan & Company, weighing gravel.....	10
170	A. & H. G. Hammett, lumber.....	2 60
171	George G. Popple, rubber boots.....	11 25
172	Jas. F. Marden Company, lanterns.....	27 00
173	Patrick Howard, kerosene.....	5 00
174	D. J. Sullivan, tool repairs..	2 40
175	S. W. Coggeshall, lanterns.....	13 00
176	Alexander J. Fludder, pipe. ....	4 55
177	A. & H. G. Hammett, brick.....	16 50
178	J. K. Sullivan, Gravel.....	1 09
179	J. T. O'Connell, rope, etc.....	65
180	Charles S. Goddard, tool repairs.....	30
	Pay Rolls.....	4998 83

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\$36074 57

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## September

181	Wm. B. Scott & Company, brooms..	\$42 00
182	Harry L. DeBlois, street hoes....	13 00
183	Neffe & Hattub, refuse disposal, contract.....	799 59
184	The Broadway Hardware Company, locks.....	3 00
185	J. K. Sullivan, gravel.....	11
186	Alexander J. Fludder, pipe.....	2 84
187	J. K. Sullivan, gravel. ....	37
188	J. K. Sullivan, gravel.....	1 27
189	J. T. O'Connell, nails.....	64
190	The Bay State Street Railway Co., electricity.....	32 29
191	Alexander J. Fludder, pipe and cement.....	64 58
192	J. K. Sullivan, gravel.....	19
193	D. J. Sullivan, tool repairs.....	1 50
194	Charles S. Goddard, tool repairs .....	40
195	D. J. Sullivan, tool repairs.....	15 75
196	John M. Friend, pipe and brick.....	294 80
197	Alexander J. Fludder, pipe and cement.....	193 12
198	J. K. Sullivan, gravel... ..	11 18
199	Wm. B. Scott & Company, can.....	40
200	D. J. Sullivan, tool repairs.....	90
201	Alexander J. Fludder, pipe. ....	53
202	John M. Friend, brick.....	10 00
203	J. K. Sullivan, gravel.....	3 49
204	Alexander J. Fludder, cement.....	4 41
205	D. J. Sullivan, tool repairs.....	90
	Pay Rolls.....	5289 88

\$42861 71

## October

206	Highways and Bridges, postage.....	\$2 00
207	Wm. B. Scott & Company, brooms .....	42 00
208	S. W. Coggeshall, scoop.....	1 50
209	M. F. Shea, cart repairs.....	8 00
210	Neffe & Hattub, refuse disposal, contract.....	799 59
211	Phineas C. Clark, cart repairs.....	50
212	Alexander J. Fludder, pipe.....	76
213	The Bay State Street Railway Co., electricity.....	41 71
214	W. H. Tibbetts, wire.....	25
215	D. J. Sullivan, tool repairs.....	1 20
216	Alexander J. Fludder, pipe and cement.....	32 77
217	John M. Friend, brick.....	20 00
218	J. K. Sullivan, gravel .....	5 92
219	D. J. Sullivan, tool repairs.....	1 25
220	Alexander J. Fludder, pipe and cement.....	36 53

11	S. W. Coggeshall, spikes and nails .....	\$4 73
12	W. L. Nordling, kerosene.....	5 00
13	N. Y., N. H. & H. R. R. Co., cinders .....	2 50
14	John M. Friend, cement.....	8 52
15	Newport Water Works, pipe.....	52
16	J. K. Sullivan, gravel .....	3 06
17	D. J. Sullivan & Company, fuel.....	7 00
18	The Peckham Company, princess metallic.....	75
19	Ralph R. Barker, paint.....	27 35
20	J. D. Johnston, lumber.....	50
21	Charles S. Goddard, cart repairs.....	14 85
22	Congdon & Carpenter Company, seat springs.....	12 00
23	M. F. Shea, cart repairs.....	12 80
24	Harold L. Bond Company, bolts.....	9 56
25	Wm. B. Scott & Company, tools.....	1 75
26	Highways and Bridges, freight and express.....	55
27	N. Y., N. H. & H. R. R. Co., freight.....	25
	Pay Rolls.....	504 82

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\$632 99

**February**

28	William Williams, agent, Street Com'r., bond.....	\$12 50
29	W. E. Stanhope, taxi service.....	10 00
30	Harry H. Johnson, typewriter supplies.....	12 60
31	J. Stacy Brown, stone.....	2 09
32	J. K. Sullivan, gravel.....	75
33	J. D. Johnston, lumber.....	3 01
34	John M. Friend, cement.....	4 80
35	A. & H. G. Hammett, lumber.....	1 02
36	J. D. Johnston, lumber.....	14 58
37	A. & H. G. Hammett, lumber.....	16 16
38	S. W. Coggeshall, screws.....	60
39	J. K. Sullivan, gravel.....	8 48
40	Pinniger & Manchester Co., fuel.....	7 25
41	A. & H. G. Hammett, lumber.....	1 60
42	J. D. Johnston, lumber.....	1 00
43	Ralph R. Barker, turpentine.....	1 50
44	M. F. Shea, cart repairs.....	46 50
45	Phineas C. Clark, cart repairs.....	24 32
46	Charles S. Goddard, cart repairs.....	2 70
47	Wm. B. Scott & Company, putty screen, etc.....	2 65
48	Studebaker Bros. Co., of N. Y., springs, etc.....	27 60
49	Highways and Bridges, express.....	60
	Pay Rolls.....	543 46

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\$1378 76

# REPORT OF STREET COMMISSIONER

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## March

50	Remington Ward, printing.....	\$5 00
51	Providence Telephone Company, telephone service..	42 25
52	Simon Hart, rubber bands.....	95
53	S. T. H. Ailman, office supplies. ....	2 90
54	Highways and Bridges, postage and telegram.....	2 50
55	J. Stacy Brown, stone.....	54
56	J. K. Sullivan, gravel.....	1 16
57	N. Y., N. H. & H. R. R. Co., cinders.....	8 50
58	Alexander J. Fludder, cement....	1 57
59	J. D. Johnston, lumber.....	3 46
60	The Peckham Company, shovels.....	16 00
61	The Broadway Hardware Store, shovels.....	41 00
62	D. E. Sullivan, pails and dippers.....	2 40
63	M. F. Shea, iron, etc.....	1 00
64	Philip F. Conroy, couplings.....	52
65	Charles S. Goddard, forging and fitting crank handle	1 25
66	S. W. Coggeshall, roofing, etc.....	5 55
67	J. F. Sullivan, pair gray horses and exchange.....	550 00
68	Pinniger & Manchester Co., fuel.....	7 25
69	Dudley P. Bacheller, cart repairs.....	54 37
70	M. F. Shea, cart repairs.....	43 25
71	Wm. B. Scott & Company, leather, etc.....	1 24
72	Charles S. Goddard, tool repairs.....	80
	Pay Rolls.. ..	358 23
		<hr/>
		\$2530 45

## April

73	Mercury Publishing Company, printing annual reports	\$150 00
74	Remington Ward, printing.. ..	7 50
75	Ward Printing Company, printing.....	20 50
76	The Register & Guide, subscription.....	2 00
77	Highways & Bridges, postage, mailing reports.....	6 00
78	John F. Sullivan, stone.....	852 63
79	Joseph P. Cotton, stone.....	13 66
80	J. Stacy Brown, stone.....	7 45
81	J. K. Sullivan, gravel....	83 65
82	The Peckham Company, shovels.....	8 00
83	Wm. B. Scott & Company, oil cans, etc.....	1 65
84	The Broadway Hardware Company, shovel.....	1 35
85	S. W. Coggeshall, shovel, etc.....	2 70
86	P. J. Burns, kerosene.....	5 00
87	N. Y., N. H. & H. R. R. Co., cinders.....	2 50
88	Charles S. Goddard, tool repairs.....	1 75
89	D. J. Sullivan, tool repairs.....	40

90	Newport Water Works, pipe, etc.....	\$2 89
91	S. W. Coggeshall, screws.....	22
92	Barker Bros. & Company, seat, etc.....	2 65
93	Charles S. Goddard, iron.....	1 40
94	Buffalo Steam Roller Company, 5 ton Tandem Roller	2075 00
95	American Asphaltum & Rubber Co., asphalt.....	1303 28
97	N. E. Navigation Co., freight.....	81
98	American Asphaltum & Rubber Co., heater kettle...	325 00
99	N. Y., N. H. & H. R. R. Co., freight.....	27 00
100	American Asphaltum & Rubber Co., heater kettle...	325 00
102	Ralph R. Barker, paint.....	3 50
103	J. T. O'Connell, bronzite, etc. ....	1 85
104	M. F. Shea, cart repairs.....	12 50
105	Oliver R. Braman, hose.....	2 25
106	Walworth Manufacturing Co., cart repairs.....	3 47
107	N. Y., N. H. & H. R. R. Co., freight.....	25
108	Frank E. Fitts Mfg. & Supply Co., packing.....	13 16
109	Highways & Bridges, express.....	35
110	S. W. Coggeshall, lead, etc.....	92
	Pay Rolls.....	2308 95

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 \$10107 64

### May

111	Highways & Bridges, telegram.....	\$0 62
112	George H. Carr, office supplies.....	99
113	Ward Printing Company, printing.....	2 05
114	Harry H. Johnson, eraser.....	50
115	Preston & Rounds Company, ink wells.....	3 50
116	Barker Bros. & Company, repair gas tube.....	25
117	John F. Sullivan, stone.....	633 00
118	J. Stacy Brown, stone.....	31
119	J. K. Sullivan, gravel .....	101 97
120	Thos. Sharpe, lanterns.....	18 00
121	The Broadway Hardware Co., shovel, etc. ....	1 55
122	J. D. Johnston, pounders, etc.....	8 85
123	John M. Friend, cement.....	1 62
124	Charles S. Goddard, tool repairs.....	2 85
125	C. F. D. Fayerweather, tool repairs.....	50
126	D. J. Sullivan, tool repairs....	2 15
127	Lynch Brothers, cart repairs. ....	1 49
128	John F. Sullivan, stone.....	1586 88
129	Pinniger & Manchester Co., fuel....	34 12
130	Patrick Howard, kerosene.....	5 00
131	J. D. Johnston, lumber.....	4 22
132	Barker Bros. & Company, pipe.....	1 10
133	S. W. Coggeshall, shovels.....	7 00



# REPORT OF STREET COMMISSIONER

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134	Wm. K. Covell, tar bucket.....	\$1 75
135	Phineas C. Clark, dipper handle.....	50
136	The Broadway Hardware Co., wire.....	50
137	Downing Brothers, carron oil.....	50
138	D. J. Sullivan, tool repairs.....	2 25
139	N. Y., N. H. & H. R. R. Co., freight.....	27 00
140	The Broadway Hardware Co., plow point.....	50
141	The Dustoline for Roads Co., dustoline.....	1107 98
142	Robert L. Oman, pipe.....	1 10
143	J. D. Johnston, lumber.....	2 08
144	Pinniger & Manchester Co., fuel.....	15 72
145	Robert S. Gash, rubber boots.....	13 00
146	R. G. Biesel, hose.....	1 75
147	J. T. O'Connell, linseed oil, etc.....	1 10
148	Philip F. Conroy, pipe.....	62 30
149	Lynch Brothers, pipe.....	30
150	Chas. J. Beattie, contract retubing boiler.....	50 00
151	J. R. Chase, motorcycle repairs.....	17 10
152	M. F. Shea, cart repairs.....	3 75
153	Charles S. Goddard, cart repairs.....	2 75
154	D. J. Sullivan, cart repairs.....	75
	Pay Rolls.....	4339 88

\$18178 72

## June

155	Providence Telephone Company, service and toll calls	\$20 87
156	George H. Carr, office supplies.....	2 32
157	Highways & Bridges, telegrams and postage.....	4 36
158	Barker Bros. & Company, gas tube, etc.....	1 17
159	John F. Sullivan, stone.....	569 88
160	John F. Sullivan, stone.....	295 75
161	J. Stacy Brown, stone.....	50
162	J. K. Sullivan, gravel.....	79 89
163	D. J. Sullivan & Company, weighing gravel.....	30
164	Alexander J. Fludder, cement.....	22 78
165	The Broadway Hardware Company, iron wheelbarrows	15 00
166	S. W. Coggeshall, shovels, etc.....	15 50
167	D. E. Sullivan, pails and dippers ...	2 40
168	Wm. B. Scott & Company, netting.....	2 16
169	Newport Paper & Grocery Company, oatmeal.....	4 00
170	Charles S. Goddard, tool repairs.....	4 70
171	D. J. Sullivan, tool repairs.....	3 60
172	Hudson River Blue Stone Co., crossing stone.....	1894 75
173	Boat, "Thomas J. Horan," freight on stone.....	241 25
174	Pinniger & Manchester Co., fuel.....	24 38

175	John F. Sullivan, stone.....	\$235 86
176	John F. Sullivan, stone.....	473 28
177	John F. Sullivan, stone.....	941 88
178	Patrick Howard, kerosene.....	5 00
179	John F. Sullivan, crushed stone....	11 34
180	J. K. Sullivan, gravel.....	11 68
181	John M. Friend, cement.....	30 78
182	Wm. B. Scott & Company, shovels.....	2 25
183	The Broadway Hardware Co., lampblack.....	84
184	John F. Sullivan, crushed stone.....	11 34
185	J. K. Sullivan, gravel.....	8 81
186	D. J. Sullivan & Co., weighing gravel.....	40
187	Alexander J. Fludder, cement.....	36 75
188	A. & H. G. Hammett, lumber, etc.....	9 35
189	Newport Gas Light Co., cinders.....	16 50
190	Wm. B. Scott & Co., shovels.....	2 25
191	Charles S. Goddard, tool repairs.....	1 44
192	J. K. Sullivan, gravel.....	62 98
193	John F. Sullivan, crushed stone.....	15 12
194	Alexander J. Fludder, cement.....	30 13
195	N. Y., N. H. & H. R. R. Co., cinders.....	5 00
196	Wm. B. Scott & Co., lampblack.....	1 60
197	Pinniger & Manchester Co., fuel.....	27 84
198	Robert L. Oman, solder and labor.....	1 15
199	The Dustoline for Roads Co., dustoline.....	2049 69
	Pay Rolls.....	4053 09
		<hr/>
		\$29430 63

## July

200	Providence Telephone Co., service and toll calls.....	\$12 33
201	Postal Telegraph-Cable Co., telegram.....	59
202	Sampson & Murdock Co., directory.....	2 00
203	The Birmingham Pen Co., rubber penholders.....	1 30
204	Blaisdell Paper Pencil Co., pencils.....	1 32
205	John F. Sullivan, crushed stone.....	1062 18
206	John F. Sullivan, crushed stone.....	1148 40
207	John F. Sullivan, crushed stone.....	533 72
208	J. K. Sullivan, gravel.....	91 45
209	D. J. Sullivan & Co., weighing gravel.....	60
210	Alexander J. Fludder, cement.....	127 18
211	Pinniger and Manchester Co., fuel.....	46 32
212	Patrick Howard, Kerosene.....	5 50
213	Patrick Howard, Kerosene.....	6 00
214	W. B. Scott, shovels for grade.....	2 00
215	Hammett, lumber, etc.....	1 13
216	The Broadway Hardware Co., lampblack, etc.....	2 14

# REPORT OF STREET COMMISSIONER

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217	Wm. B. Scott & Company, lampblack, etc.....	\$1 60
218	S. W. Coggeshall, shovels.....	14 00
219	Harold L. Bond Co., tools.....	4 84
220	Highways and Bridges, express.....	45
221	Daniel J. Sullivan, tool repairs.....	1 10
222	Charles S. Goddard, tool repairs.....	1 08
223	Lynch Brothers, labor on gear.....	66
224	D. J. Sullivan, tool repairs.....	7 85
225	Newport Paper and Grocery Co., oatmeal.....	4 10
226	John F. Sullivan, crushed stone.....	315 90
227	Pinniger and Manchester Co., fuel.....	9 75
228	Newport Gas Light Co., cinders.....	75
229	John F. Sullivan, crushed stone.....	7 56
230	Alexander J. Fludder, cement.....	26 69
231	J. K. Sullivan, gravel.....	6 08
232	N. Y., N. H. & H. R. R. Co., cinders.....	2 00
233	The Broadway Hardware Co., lampblack.....	1 20
234	D. J. Sullivan, tool repairs.....	50
235	John F. Sullivan, crushed stone.....	41 58
236	John F. Sullivan, crushed stone.....	117 18
237	D. J. Sullivan, tool repairs.....	85
238	J. K. Sullivan, gravel.....	83 03
239	John F. Sullivan, crushed stone.....	79 38
240	J. T. O'Connell, spikes.....	10
241	Pinniger and Manchester Co., fuel.....	7 25
242	J. R. Chase, Motor Cycle Repairs.....	26 65
243	Newport Water Works, moving standpipe.....	32 99
244	Lynch Brothers, discs. and labor.....	35
245	Charles S. Goddard, cart repairs.....	65
246	The Dustoline for Roads Co., dustoline.....	678 56
247	Robert L. Oman, pump repairs.....	3 82
248	J. T. O'Connell, pump repairs.....	30
249	M. F. Shea, cart repairs.....	4 10
	Pay Rolls.....	5934 91

\$39892 60

## August

250	Postal Telegraph-Cable Co., telegram.....	\$ 77
251	Ward Printing Co., printing.....	8 50
252	Simon Hart, office supplies.....	1 55
253	Kee Lox Manufacturing Co., typewriter ribbons....	4 50
254	John F. Sullivan, crushed stone.....	1167 43
255	John F. Sullivan, crushed stone.....	913 41
256	J. Stacy Brown, crushed stone.....	1 67
257	J. K. Sullivan, gravel.....	80 29

252	D. J. Sullivan & Co., weighing gravel.....	\$ 30
253	Pinniger and Manchester Co., fuel.....	31 69
254	Wm. B. Scott & Co., brooms, etc.....	1 90
255	S. W. Coggeshall, metallic tape, etc.....	3 58
256	Newport Paper & Grocery Co., oatmeal.....	4 00
257	C. F. D. Fayerweather, tool repairs.....	6 06
258	M. F. Shea, tool repairs.....	75
259	Charles S. Goddard, tool repairs.....	1 26
260	D. J. Sullivan, tool repairs.....	5 45
261	Jas. H. Donovan, tool repairs.....	75
262	S. W. Coggeshall, screws.....	50
263	J. D. Johnston, lumber.....	2 21
264	S. W. Coggeshall, tools.....	5 40
265	John F. Sullivan, cr. stone.....	11 34
266	Pinniger & Manchester Co., fuel.....	19 37
267	Charles S. Goddard, cart repairs.....	2 50
268	Lynch Brothers, strainer for injector.....	60
269	M. F. Shea, tank band.....	10 75
270	Robert L. Oman, pump repairs.....	3 10
271	J. T. O'Connell, marine.....	25
272	Walter B. Bryer, bridge repairs.....	187 00
	Pay Rolls.....	3787 71

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\$46,157 6c**September**

273	George H. Carr, pads.....	\$0 18
274	City Treasurer, stamped envelopes.....	11 00
275	John F. Sullivan, crushed stone.....	228 46
276	John F. Sullivan, crushed stone.....	453 48
277	John F. Sullivan, crushed stone.....	272 96
278	J. Stacy Brown, stone.....	96
279	Pinniger & Manchester Co., fuel.....	4 88
280	J. K. Sullivan, gravel.....	35 60
281	J. D. Johnston, lumoer.....	22 06
282	S. W. Coggeshall, nails.....	48
283	Patrick J. Burns, kerosene.....	5 00
284	The Broadway Hardware Co., sledge handles, etc.....	1 62
285	M. F. Shea, tool repairs.....	50
286	Jacob Mohr, tool repairs.....	5 55
287	Charles S. Goddard, tool repairs.....	30
288	D. J. Sullivan, tool repairs.....	1 35
289	J. D. Johnston, sash.....	2 75
290	Ralph K. Barker, glass and paint.....	3 93
291	John F. Sullivan, crushed stone.....	444 96
292	John F. Sullivan, crushed stone.....	297 32
293	Pinniger & Manchester Co., fuel.....	12 19

# REPORT OF STREET COMMISSIONER

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300	Patrick J. Burns, kerosene.....	\$6 90
301	D. J. Sullivan, tool repairs.....	3 05
302	John F. Sullivan, crushed stone...	57 42
303	John F. Sullivan, crushed stone .....	166 80
304	John F. Sullivan, crushed stone.....	127 62
305	John F. Sullivan, crushed stone.....	41 58
306	D. J. Sullivan, tool repairs.....	75
307	Pinniger & Manchester Co., fuel.....	7 25
308	Charles S. Goddard, tool repairs.....	1 25
309	M. F. Shea, tank repairs.....	3 00
310	J. R. Chase, motor cycle repairs.....	3 40
311	John F. Sullivan, crushed stone.....	30 24
312	John F. Sullivan, crushed stone.....	22 68
313	J. D. Johnston, lumber.....	33 64
314	Alexander J. Fludder, cement.....	69 59
315	J. K. Sullivan, gravel.....	47 59
316	S. W. Coggeshall, pails.....	4 00
317	J. T. O'Connell, twine.....	20
	Pay Rolls .....	4148 38
		<hr/>
		\$52738 68

## October

318	Providence Telephone Co., telephone service.....	\$40 33
319	Simon Hart, office supplies.....	6 00
320	John F. Sullivan, crushed stone.....	161 05
321	John F. Sullivan, crushed stone.....	112 42
322	John F. Sullivan, crushed stone.....	23 65
323	J. K. Sullivan, gravel.....	16 28
324	The Peckham Company, brooms.....	1 20
325	Pinniger & Manchester Co., fuel.....	4 87
326	S. W. Coggeshall, scoop.....	1 30
327	N. Y., N. H. & H. R. R. Co., cinders.....	14 50
328	D. J. Sullivan, tool repairs.....	5 00
329	M. F. Shea, tool repairs.....	1 50
330	Charles S. Goddard, tool repairs.....	1 58
331	J. D. Johnston, lumber.....	2 03
332	J. T. O'Connell, bronzite, etc.....	2 18
333	Charles S. Goddard, tool repairs.....	60
334	John F. Sullivan, crushed stone.....	7 65
335	John F. Sullivan, crushed stone.....	7 65
336	J. Stacy Brown, stone.....	74
337	Pinniger & Manchester Co., fuel.....	4 88
338	John F. Sullivan, crushed stone.....	189 06
339	Pinniger & Manchester Co., fuel.....	4 88
340	Thomas Preece, repairing house damaged by roller..	75 00

341	Robert A. Smith, repairing house damaged by roller	\$35 96
342	John M. Friend, brick, lime, etc.	11 40
343	Alexander J. Fludder, cement	5 86
344	J. K. Sullivan, gravel	3 79
345	John F. Sullivan, crushed stone	61 38
346	D. J. Sullivan, tool repairs	75
347	Alexander J. Fludder, cement	50 72
348	J. R. Chase, motor cycle repairs	85
349	J. T. O'Connell, waste	12 30
350	Ralph R. Barker, paint and brushes	4 95
351	Phineas C. Clark, tool repairs	2 30
352	John F. Sullivan, crushed stone	51 78
353	John F. Sullivan, crushed stone	26 22
354	John F. Sullivan, crushed stone	3 00
355	Alexander J. Fludder, cement	69 86
356	J. K. Sullivan, gravel	30 24
357	Max David, re-enforcing iron	36 40
358	J. D. Johnston, lumber	1 80
359	Wm. B. Scott & Co., oil can	40
360	T. T. Pitman Corp., advertising services	9 00
361	Herald Publishing Co., advertising services	7 88
	Pay Rolls	2276 12

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 \$56129 01

## November

362	Ward Printing Co., paper, etc.	\$9 25
363	Simon Hart, office supplies	90
364	George H. Carr, scratch pads	1 50
365	Frank J. Connell, gum proof mouth piece, telephone	50
366	L. W. Smith, sanitary moistener	75
367	C. E. Chase, hammer handle	25
368	John F. Sullivan, crushed stone	49 50
369	J. K. Sullivan, gravel	1 54
370	Newport Gas Light Co., meters	7 50
371	N. Y. N. H. & H. R. R., door sliders	2 00
372	Charles S. Boothard, repair hinges and straps	75
373	J. T. Johnston, lumber	32 33
374	S. W. Burgess, nails and spikes	1 53
375	J. T. Johnston, cement, etc.	1 90
376	Wm. B. Scott & Company, water table	40
377	Charles S. Boothard, door sliders	2 00
378	J. T. Johnston, lumber	45
379	The Plaster Co., lime	30
380	John F. Sullivan, crushed stone	20 16
381	J. K. Sullivan, gravel	4 50

# REPORT OF STREET COMMISSIONER

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382	Pinniger & Manchester Co., fuel.....	\$14 64
383	S. W. Coggeshall, scoop.....	1 35
384	D. J. Sullivan, tool repairs.....	15
385	John F. Sullivan, crushed stone.....	46 96
386	Alexander J. Fludder, cement.....	18 84
387	Newport Gas Light Co., cinders.....	27 00
388	S. W. Coggeshall, lampblack.....	5 20
389	J. D. Johnston, tool repairs.....	25
390	J. K. Sullivan, gravel.....	21 47
391	D. J. Sullivan & Company, weighing gravel....	80
392	J. K. Sullivan, gravel ..	1 31
393	J. R. Chase, motor cycle repairs.....	6 75
394	J. T. O'Connell, paint.....	4 00
395	The Broadway Hardware Company, new tools.....	65
396	Charles S. Goddard, tool repairs.....	35
397	J. T. O'Connell, paint, etc.....	2 75
398	Wm. B. Scott & Company, brushes.....	70
399	Thomas F. Keeher, carpenter bill.....	96 91
400	Wm. A. Sherman, M. D., medical services.....	25 00
401	Alexander J. Fludder, cement.....	7 85
402	J. K. Sullivan, gravel.....	4 11
	Pay Rolls.....	1507 10

\$58061 10

## December

403	Providence Telephone Company, telephone service..	\$20 17
404	Remington Ward, blank book.....	15 00
405	Saml. T. H. Ailman, envelopes, etc.....	1 05
406	Kee Lox Mfg Company, carbon paper.....	3 50
407	John F. Sullivan, crushed stone.....	81 70
408	Wm. A. Sherman, M. D., medical services.....	2 00
409	Newport Gas Light Company, cinders.....	1 50
410	J. K. Sullivan, gravel.....	19
411	J. H. Donovan, filing saws.....	1 00
412	J. D. Johnston, lumber.....	9 84
413	S. W. Coggeshall, nails, etc.....	1 15
414	Wm. B. Scott & Company, screws.....	40
415	Charles S. Goddard, repair hinges.....	75
416	Ralph R. Barker, wall paper, papering, etc.....	27 03
417	J. K. Sullivan, gravel.....	19
418	S. B. Gladding, gasoline.....	17 10
419	Ralph R. Barker, paint, etc.....	39 80
420	The Peckham Company, paint.....	30
421	J. T. O'Connell, sponge.....	60
422	S. W. Coggeshall, galv. can.....	1 25
423	M. F. Shea, cart repairs.....	25

424	J. R. Chase, motorcycle repairs	\$ 1.00
425	A. & H. G. Hammett, lumber	1.00
426	Barker Bros. & Company, pipe	1.00
427	Alexander J. Fluidier, cement	1.00
	Pay Rolls	1.00
	of Street Commissioner's salary assumed	1.00
		<hr/> \$ 5.00

## PUBLIC IMPROVEMENTS

## May

1	J. T. McConnell, new road	\$ 1.00
2	Newport Ship Yard, lumber	1.00
3	Wm. E. Scott & Company, spikes	1.00
	Pay Rolls	1.00
		<hr/> \$ 4.00

## June

4	J. Stacy Brown, crushed stone	\$ 1.00
5	A. H. Sullivan, gravel	1.00
6	Alexander J. Fluidier, cement	1.00
7	A. & H. G. Hammett, lumber	1.00
8	W. F. Shea, rods, plates and tool repairs	1.00
	Pay Rolls	1.00
		<hr/> \$ 5.00

## July

9	Newport Gas Light Company, run pipe	\$ 1.00
10	A. & H. G. Hammett, lumber and spikes	1.00
11	Donald A. French, cement	1.00
12	Wm. E. Scott & Company, spikes	1.00
	Pay Rolls	1.00
		<hr/> \$ 4.00

## August

13	A. H. Sullivan, gravel	\$ 1.00
14	W. F. Shea, spikes	1.00
15	Wm. E. Scott & Company, spikes	1.00
16	Newport Gas Light Company, run pipe	1.00
	Pay Rolls	1.00
		<hr/> \$ 4.00

## September

17	A. H. Sullivan, gravel	\$ 1.00
18	W. F. Shea, spikes	1.00
19	Wm. E. Scott & Company, spikes	1.00
	Pay Rolls	1.00
		<hr/> \$ 4.00



**REPORT OF STREET COMMISSIONER****123****October**

35	J. T. O'Connell, new tools.....	\$1 05
36	J. T. O'Connell, spikes.....	15
37	S. W. Coggeshall, nails.....	20
	Pay Rolls.....	79 19
		<hr/>
		\$677 42

**November**

	Pay Rolls.....	\$48 00
		<hr/>
		\$725 42

**PUBLIC RECREATIONS****MISCELLANEOUS****January**

1	James H. Donovan, filing saws.....	\$3 75
	Pay Rolls.....	45 95
		<hr/>
		\$49 70

**February**

2	Philip F. Conroy, lantern globes.....	\$9 00
3	Lynch Brothers, dowels....	20
	Pay rolls.....	1 29
		<hr/>
		\$60 19

**March**

4	Charles S. Goddard, eyebolt and ring...	\$0 50
	Pay Rolls....	48 72
		<hr/>
		\$109 41

**April**

5	James H. Donovan, filing saws.....	\$2 00
	Pay Rolls.....	12 29
		<hr/>
		\$123 70

**May**

	Pay Rolls.....	\$5 50
		<hr/>
		\$129 20

**June**

14	John H. Marks, fountain repairs.....	\$11 15
15	Stephen L. Goddard, fountain repairs.....	12 45
		<hr/>
		\$152 80

**July**

20	S. W. Coggeshall, new tools.....	\$0 50
21	Sullivan Brothers, fountain repairs.....	2 00
22	Stephen L. Goddard, fountain repairs.....	1 00
23	James H. Donovan, filing saws.....	50
24	Frank P. Sherman, gasoline and oil.....	5 25
	Pay Rolls.....	125 63

---

\$290 68**August**

29	Stephen L. Goddard, fountain repairs.....	\$3 00
30	James H. Donovan, filing saws.....	1 00
	Pay Rolls.....	26 79

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\$321 47**September**

32	N. Y., N. H. & H. R. R. Co., freight on fountain...	\$0 96
33	Downing Brothers, sulphur.....	50
34	S. W. Coggeshall, axe handle.....	20
	Pay Rolls.....	5 50

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\$328 63**October**

38	James H. Donovan, filing saws.....	\$1 50
	Pay Rolls.....	14 13

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\$344 26**November**

39	James S. Ramlose, rep. rubber boots.....	\$1 00
40	Newport Ship Yard, filing saw.....	1 00
41	James H. Donovan, filing saws.....	2 75
	Pay Rolls.....	85 13

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\$434 14**PUBLIC DOCKS AND WHARVES****January**

1	D. J. Sullivan & Company, fuel.....	\$14 00
2	J. J. O'Connell, rope, etc.....	3 80
	Pay Rolls.....	58 25

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\$76 05

# REPORT OF STREET COMMISSIONER

125

## February

3	Pinniger & Manchester Co., fuel.....	\$7 25
4	Newport Paper & Grocery Co., supplies.....	84
5	Walsh Brothers, stove grate.....	2 85
	Pay Rolls.....	54 00

\$140 99

## March

6	Pinniger & Manchester Co., fuel.....	\$14 50
	Pay Rolls.....	60 75

\$216 24

## April

7	Pinniger & Manchester Co., fuel.....	\$14 50
8	Downing Brothers, carbolic acid.....	1 25
9	George H. Carr, ink.....	75
10	Newport Paper & Grocery Co., supplies.....	84
11	J. T. O'Connell, paint.....	1 90
12	Ralph R. Barker, paint.....	5 25
13	J. T. O'Connell, turpentine .....	60
	Pay Rolls.....	84 00

\$325 33

## May

14	Pinniger & Manchester Co., fuel.....	\$7 25
15	Wm. B. Scott & Company, duster and broom .....	1 85
16	Phineas C. Clark, iron and labor ..	7 00
	Pay Rolls.....	58 12

\$399 55

## June

	Pay Rolls.....	\$54 00
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\$453 55

## July

17	Newport Paper & Grocery Co., supplies.....	\$0 84
	Pay Rolls.....	67 50

\$521 89

## August

18	J. T. O'Connell, pump repairs.....	\$0 20
	Pay Rolls.....	59 50

\$581 59

## September

19 Newport & Paper Grocery Co., supplies .....	\$60 74
Pay Rolls .....	47 30
	<hr/>
	\$108 04

## October

Pay Rolls .....	\$54 47
	<hr/>
	\$54 47

## November

20 Pinniger & Manchester Co., fuel .....	\$7 18
Pay Rolls .....	23 30
	<hr/>
	\$30 48

## December

21 Pinniger & Manchester Co., fuel .....	\$14 30
22 Newport & Paper Grocery Co., supplies .....	41 74
Pay Rolls .....	90 11
	<hr/>
	\$146 15

## NON-APPORTIONED

## January

## Stable:

1 H. L. Marsh & Co., forage .....	\$153 11
2 The Texas Co., gasoline .....	5 90
3 George Stanhope, soap .....	4 15
4 Wm. B. Scott & Co., axle grease, etc. ....	2 50
5 Dudley F. Bacheller, shaft shackles .....	5 00
6 Henry H. Lawton, supplies and repairs .....	27 15
7 Wm. A. Stoddard, vet. services and medicine .....	15 00
8 Daniel J. Sullivan, shoeing .....	4 00
9 E. M. Shea, shoeing .....	5 44
10 Screenan & Sullivan, shoeing .....	4 50
11 Daniel Beards, shoeing .....	5 15
12 Peter F. Clark & Co., shoeing .....	5 00
13 Charles S. Stoddard, repairing team creepers .....	25 00
Pay Rolls .....	92 00

## Rollers:

14 Buffalo Steam Roller Co., repairs .....	\$16 00
15 J. T. Ladd, waste .....	11 12
16 S. W. Fitzgerald, oil .....	2 00
17 Frank E. Fries Veng. & Son, oil, packing .....	11 00
18 J. J. Lyons & Briggs, supplies .....	11 00
Pay Rolls .....	128 50
	<hr/>
	\$531 57

## February

## Stable:

19	H. L. Marsh & Co., forage.....	\$193 88
20	J. G. Stevens, forage.....	48 41
21	The Texas Co., gasoline.....	2 38
22	Dudley P. Bacheller, buggy repairs.....	10 95
23	Wm. F. Gratrix, supplies and repairs.....	17 65
24	S. W. Coggeshall, hook.....	04
25	Daniel J. Sullivan, shoeing.....	1 82
26	P. M. Shea, shoeing.....	4 50
27	Peter F. Clark & Co., shoeing.....	5 25
28	Daniel Beard, shoeing.....	1 00
29	Shreenan & Sullivan, shoeing.....	4 50
30	Charles S. Goddard, rep. creepers.....	75
	Pay Rolls.....	108 31

## Rollers:

31	S. W. Coggeshall, solarine, etc.....	1 40
32	Lynch Brothers, pipe, etc.....	5 53
33	Philip F. Conroy, pipe.....	32
34	Walworth Manufacturing Co., valves.....	6 88
35	Buffalo Steam Roller Co., repairs.....	31 60
36	N. Y., N. H. & H. R. R. Co., freight.....	25
37	Highways & Bridges, express.....	1 30
	Pay Rolls.....	240 75

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 \$1218 84

## March

## Stable:

38	Dennis Shanahan, forage.....	\$49 13
39	The Texas Co., gasoline.....	2 55
40	Newport Gas Light Co., gas.....	2 20
41	James McBride, liniment.....	4 00
42	J. T. O'Connell, bronzite, etc.....	1 90
43	Ralph R. Barker, paint.....	7 45
44	J. D. Johnston, lumber.....	4 19
45	Charles S. Goddard, cart repairs.....	2 55
46	R. G. Biesel, supplies and repairs.....	5 15
47	J. R. Chase, motorcycle repairs.....	6 40
48	Peter F. Clark & Co., shoeing.....	9 07
49	P. M. Shea, shoeing.....	5 64
50	Daniel J. Sullivan, shoeing.....	1 13
51	Daniel Beard, shoeing.....	5 13
	Pay Rolls.....	240 61

## Rollers:

52	J. T. O'Connell, repairs.....	11 68
53	Ralph R. Barker, paint.....	6 30

54	Wm. B. Scott & Co., tacks.....	\$ 50
55	Wainworth Manufacturing Co., packing.....	4 35
56	Highways & Bridges, express.....	1 55
	Pay Rolls.....	242 00

**Materials:**

57	Alexander J. Fluddier, cement.....	7 14
		<hr/> \$1896 45

**April****Stable:**

58	H. L. Marsh & Co., forage.....	\$73 91
59	J. G. Stevens, forage.....	45 95
60	Ralph R. Barker, paint.....	2 00
61	J. D. Johnston, lumber.....	5 50
62	Wm. A. Stoddard, medicine.....	9 00
63	The Texas Co., gasoline.....	10 44
64	Oliver R. Braman, supplies and repairs.....	15 70
65	Wm. B. Scott & Co., measure.....	30
66	Phineas C. Clark, cart repairs.....	9 90
67	M. F. Shea, cart repairs.....	5 15
68	Dudley P. Bacheiler, breech hook.....	25
69	Charles S. Goddard, cart repairs.....	1 50
70	J. R. Chase, auto repairs.....	75 86
71	J. K. Sullivan, painting auto.....	35 00
72	Daniel J. Sullivan, shoeing.....	9 00
73	Shreenan & Sullivan, shoeing.....	9 50
74	Peter F. Clark & Co., shoeing.....	4 50
75	P. M. Shea, shoeing.....	12 77
76	Daniel Beard, shoeing.....	8 26
	Pay Rolls.....	270 20

**Rollers:**

77	Penniger & Manchester Co., fuel.....	148 85
78	W. L. Norling, oils.....	72 14
79	Patrick Howard, kerosene.....	4 50
80	The Beckham Co., hose.....	11 00
81	Wm. K. Coven, oil can, etc.....	1 40
82	Daniel E. Sullivan, pails and dippers.....	1 20
83	J. E. Clendenen, waste.....	13 20
84	H. L. Marsh & Co., bag.....	25
85	S. W. Burgess, sardine, etc.....	1 35
86	Buffalo Steam Roller Co., grease.....	7 50
87	The New England Steamship Co., steam cock.....	1 52
	Pay Rolls.....	36 00

**Materials:**

88	Franklin Works, manhole covers and rims.....	54 00
89	Highways and Bridges, freight.....	2 14

# REPORT OF STREET COMMISSIONER

129

90	John M. Friend, cement.....	\$1 62
91	N. Y., N. H. & H. R. R. Co., freight.....	1 92

**\$2810 56**

## May

### Stable :

92	Dennis Shanahan, forage.....	\$137 56
93	The Texas Co., gasoline.. . . .	9 00
94	J. T. O'Connell, oil, etc.....	75
95	R. G. Biesel, supplies and repairs.....	10 85
96	J. R. Chase, auto and motor cycle repairs.....	57 45
97	Charles S. Goddard, cart repairs.....	3 50
98	The Broadway Hardware Co., roto salt.. . . .	2 40
99	S. W. Coggeshall, solarine, etc.....	1 30
100	Wm. B. Scott & Company, grease.....	2 00
101	P. M. Shea, shoeing.....	13 02
102	Daniel J. Sullivan, shoeing.....	4 50
103	Shreenan & Sullivan, shoeing.....	4 75
104	Peter F. Clark & Co., shoeing .....	6 63
105	Daniel Beard, shoeing.....	5 13
106	D. J. Sullivan, resetting shoe.....	35
	Pay Rolls.....	65 13

### Rollers :

107	Pinniger & Manchester Co., fuel.....	125 36
108	J. T. O'Connell, waste.....	13 00
109	P. J. Burns, kerosene.....	5 00
110	Walworth Manufacturing Co., valves.....	3 28
111	Highways and Bridges, express.....	30
112	Wm. K. Covell, coffee pot.....	25
113	The Broadway Hardware Co., shovel, etc.....	1 35
114	M. F. Shea, repairs.....	3 00
115	Charles S. Goddard, repair valve.....	1 00
116	Lynch Brothers, repairs.....	1 87

### Materials :

117	The American Asphaltum & Rubber Co., asphalt....	1298 88
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**\$4588 17**

## June

### Stable :

118	H. L. Marsh & Co., forage.....	\$29 85
119	Dennis Shanahan, forage.....	90 30
120	J. G. Stevens, forage.....	30 02
121	J. K. Sullivan, hay.....	217 47
122	The Texas Co., gasoline.....	8 64
123	Newport Gas Light Co., gas .....	22
124	Oliver R. Braman, supplies....	16 90
125	J. R. Chase, auto repairs.....	10 75

126	Daniel J. Sullivan, shoeing.....	\$9 00
127	P. M. Shea, shoeing.....	13 03
128	Daniel Beard, shoeing.....	5 13
129	Peter F. Clark & Co., shoeing.....	7 00
130	Shreenan & Sullivan, shoeing.....	2 25
	Pay Rolls .....	93 21

**Rollers :**

131	Pinniger and Manchester Co., fuel.....	123 31
132	W. L. Nordling, lard oil.....	50 93
133	P. J. Burns, kerosene .....	5 00
134	Wm. K. Covell, coffee pot.....	35
135	Walworth Manufacturing Co., sonderglass, etc.....	5 49
136	Buffalo Steam Roller Co., scraper brackets.....	5 00
137	Highways & Bridges, express.....	60

**Materials :**

138	Hooper, Havey & Co., curb & culls.....	724 70
139	Schooner, "Charlie & Willie", freight on curb .....	314 04
140	John M. Friend, stone corners.....	12 38
141	The American Asphaltum and Rubber Co., asphalt..	1953 82
		<hr/>
		\$8317 56

**July****Stable:**

142	Dennis Shanahan, forage.....	\$56 52
143	H. L. Marsh & Co., forage .....	59 27
144	The Texas Co., gasoline.....	18 18
145	R. G. Biesel, supplies and repairs.....	12 50
146	Charles S. Goddard, cart repairs.....	4 20
147	M. F. Shea, cart repairs.....	17 25
148	J. R. Chase, motor cycle repairs.....	13 50
149	G. A. Bryant, auto repairs.....	10 00
150	Daniel J. Sullivan, shoeing.....	9 00
151	Peter F. Clark & Co., shoeing.....	6 60
152	Daniel Beard, shoeing.....	5 13
153	Shreenan and Sullivan, shoeing.....	6 19
154	P. M. Shea, shoeing.....	16 77
	Pay Rolls.....	100 42

**Rollers :**

155	Pinniger and Manchester Co., fuel.....	126 58
156	Patrick Howard, kerosene .....	5 00
157	J. T. O'Connell, waste, etc .....	12 45
158	Buffalo Steam Roller Co., crank pin oil cup.....	1 31
159	Lynch Brothers, repairs .....	1 12
160	M. F. Shea, repair clamp.....	1 00
161	Charles S. Goddard, repairs.....	2 25



# REPORT OF STREET COMMISSIONER

131

## Materials :

162	The Monarch Paint Co., paint.....	\$17 98
163	Alexander J. Fludder, cement.....	46 31
164	The American Asphaltum and Rubber Co., asphalt..	1059 98
165	N. Y., N. H. & H. R. R. Co., freight.....	240 44

\$10164 51

## August

### Stable :

166	Dennis Shanahan, forage....	59 71
167	The Texas Co., gasoline.....	9 00
168	Oliver R. Braman, supplies.....	16 45
169	Wm. K. Covell, watering pot.....	1 10
170	J. D. Johnston, lumber.....	6 29
171	A. J. Picard & Co., Fire Stone Shoes, etc.....	59 50
172	S. W. Coggeshall, solarine.....	1 10
173	Highways & Bridges, express.....	55
174	P. M. Shea, shoeing....	12 54
175	Peter F. Clark & Co., shoeing.....	7 00
176	Shreenan & Sullivan, shoeing.....	4 51
177	Daniel Beard, shoeing....	5 13
178	Daniel J. Sullivan, shoeing.....	4 50
	Pay Rolls.....	65 25

### Rollers:

179	Pinniger & Manchester Co., fuel.....	120 47
180	J. T. O'Connell, waste.....	11 70
181	P. J. Burns, kerosene.....	5 60
182	The Peckham Co., rubber hose.....	11 00
183	S. W. Coggeshall, axe.....	1 00
184	Buffalo Steam Roller Co., grease and bolts.....	8 48
185	Lynch Bros., tube cleaner.....	2 00
186	Highways & Bridges, express.....	1 00

### Materials:

187	American Asphaltum & Rubber Co., asphalt.....	956 60
188	N. Y., N. H. & H. R. R. Co., freight.....	216 99
189	Alexander J. Fludder, pipe.....	41 71
190	Highways & Bridges, freight.....	2 12

\$11795 81

## September

### Stable:

191	H. L. Marsh & Co., forage....	\$64 06
192	The Texas Co., gasoline.....	7 56
193	R. G. Biesel, supplies and repairs.....	10 15
194	Wm. B. Scott & Co., axle grease.....	2 00
195	James McBride, medicine.....	12 00
196	J. R. Chase, motorcyle repairs.....	15 91

197	J. T. O'Connell, rope.....	\$ 16
198	Charles S. Goddard, cart repairs.....	75
199	Dudley P. Bacheller, buggy repairs.....	1 00
200	M. F. Shea, cart repairs.....	9 00
201	Daniel Beard, shoeing.....	10 26
202	Peter F. Clark & Co., shoeing.....	7 10
203	P. M. Shea, shoeing.....	13 88
204	Daniel J. Sullivan, shoeing.....	4 50
205	Shreenan & Sullivan, shoeing.....	6 38
	Pay Rolls .....	124 54
<b>Rollers:</b>		
206	Pinniger & Manchester Co., fuel.....	130 65
207	W. L. Nordling, oils .....	72 56
208	Patrick Howard, kerosene.....	5 50
209	Charles S. Goddard, repairing tube cleaner.....	35
<b>Materials:</b>		
210	Alexander J. Fludder, cement.....	7 35
211	Fuller Iron Works, manhole covers and rims.....	108 00
212	Highways & Bridges, freight.....	2 12
213	Alexander J. Fludder, pipe.....	33 50
		<hr/>
		\$12445 09

## October

## Stable:

214	Dennis Shanahan, forage.....	\$186 71
215	The Texas Co., gasoline.....	6 30
216	Oliver R. Braman, supplies and repairs.....	22 35
217	S. W. Coggeshall, solarine.....	1 82
218	M. F. Shea, cart repairs.....	10 75
219	J. D. Johnston, spruce flooring.....	2 79
220	J. T. O'Connell, rope.....	49
221	J. R. Chase, motorcycle repairs.....	1 85
222	Daniel J. Sullivan, shoeing.....	6 88
223	P. M. Shea, shoeing.....	14 76
224	Shreenan & Sullivan, shoeing.....	6 07
225	Peter F. Clark & Co., shoeing.....	1 75
226	Daniel Beard, shoeing.....	5 13
	Pay Rolls.....	92 04

## Rollers:

227	Pinniger & Manchester Co., fuel.....	56 57
228	Henry A. Davis & Sons, waste .....	14 20
229	Highways & Bridges, freight.....	25
	Pay Rolls .....	31 87

## Materials:

230	Alexander J. Fludder, cement.....	23 52
231	Patrick Howard, kerosene .....	5 50
232	Patrick J. Burns, kerosene .....	4 50

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 \$12841 19

# REPORT OF STREET COMMISSIONER

133

## November

### Stable:

233	H. L. Marsh & Co., forage.	\$120 88
234	The Texas Co., gasoline.	10 50
235	R. G. Biesel, supplies and repairs.	3 90
236	George Stanhope, soap.	4 15
237	Wm. B. Scott & Co., axle grease.	2 00
238	Charles S. Goddard, cart repairs.	75
239	J. R. Chase, motor cycle repairs.	2 79
240	P. M. Shea, shoeing.	4 25
241	Peter F. Clark & Company, shoeing.	6 00
242	Daniel Beard, shoeing.	5 13
243	Daniel J. Sullivan, shoeing.	2 26
244	Shreenan & Sullivan, shoeing.	3 63
	Pay Rolls.	60 00

### Rollers:

245	Pinniger & Manchester Co., fuel.	8 55
246	Lynch Brothers, nipples.	50

### Materials:

247	Patrick Howard, kerosene.	5 00
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\$13181 48

## December

### Stable:

248	Dennis Shanahan, forage.	\$148 40
249	Broadway Hardware Co., salt.	2 00
250	The Texas Co., gasoline.	6 46
251	Julius Burdick, gasoline.	19 95
252	Dr. C. Horseman, vet. services.	6 00
253	Newport Gas Light Co., gas.	22
254	S. W. Coggeshall, manure fork.	1 00
255	O. R. Braman, harness repairs.	1 35
256	M. F. Shea, cart repairs.	50
257	Peter F. Clark & Co., shoeing.	1 75
258	Daniel J. Sullivan, shoeing.	3 13
259	Shreenan & Sullivan, shoeing.	88
260	P. M. Shea, shoeing.	5 38
261	Daniel Beard, shoeing.	5 13
	Pay Rolls.	104 25

### Rollers:

262	Pinniger & Manchester Co., fuel.	5 70
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\$13493 58

Total ..... \$131559 18

Respectfully submitted,

J. K. SULLIVAN,

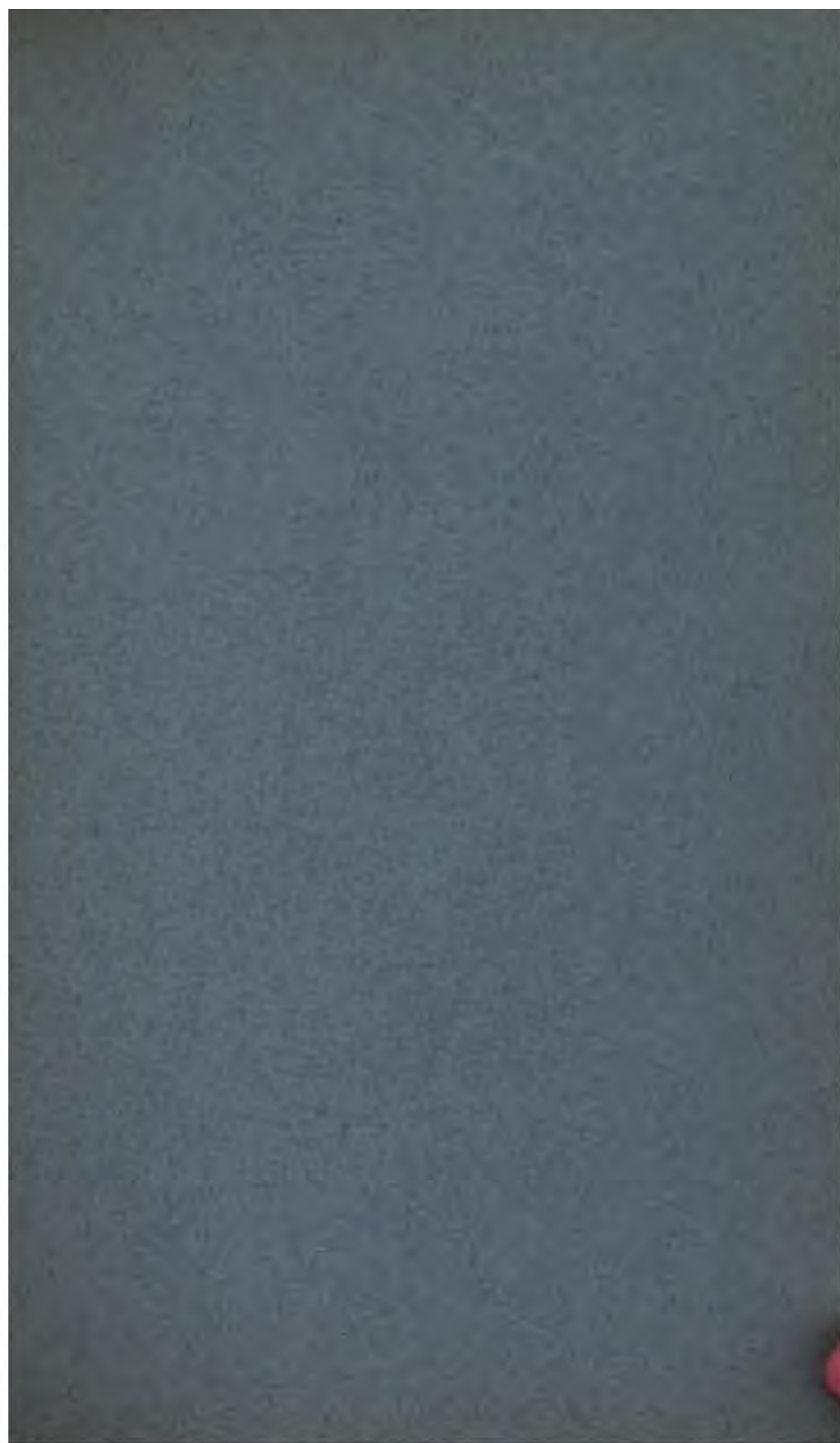
Street Commissioner.

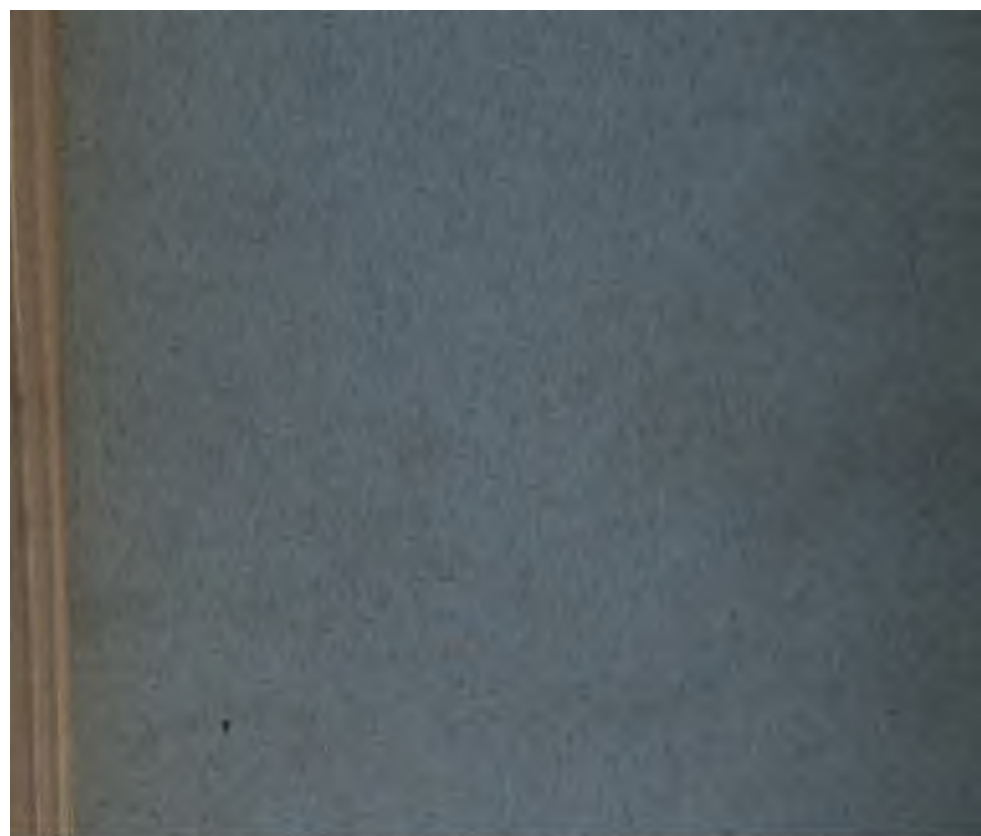




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JUN 17 1915

Annual Report of the  
Street and Highway  
Department



City of Newport, Rhode Island  
Municipal Year of 1914

VII





# Annual Report of Street Commissioner

December 31, 1914.

To the Honorable Representative Council of the City of Newport:

Gentlemen:—I respectfully submit the following report of the operations of the Department of Highways and Bridges for the municipal year of Nineteen Hundred and Fourteen.

## STATISTICS

This office has carefully prepared and revised the following statistics from the records of the department, viz:

Streets		Mileage
Granite Block Pavement, .....		1.69
Bitulithic and Granite Block Pavement.....		1.56
Telford Macadam.....		13.89
Telford Macadam and Tarvia Macadam Top.....		.18
Telford Macadam with Asphalt Macadam Top.....		1.48
Macadam.....		40.86
Asphalt Macadam.....		4.06
Tarvia Macadam.....		.80
Tarvia.....		.21
Cobble .....		.51
Dirt.....		26.38
Total.....		91.62

Sidewalks		Mileage
Granolithic.....		21.048
Granolithic and Dirt.....		1.378
Flagstone .....		2.598
Flagstone and Cobble.....		.145
Flagstone and Dirt.....		1.428
Brick.....		2.815
Asphalt.....		.603
Asphalt Block.....		.485
Plank.....		.313
Dirt.....		84.266
Total.....		115.079

## REPORT OF STREET COMMISSIONER

**Gutters**

	Mileage
Granite Culls.....	15.91
Cobbles.....	36.55
Flagstone and Cobbles .....	.92
<b>Total .....</b>	<b>56.38</b>

**Curb**

	Mileage
Bluestone.....	40.698
Granite.....	17.042
Granolithic.....	1.853
<b>Total.....</b>	<b>59.593</b>

**Sewers**

	Mileage
Vitrified Pipe.....	41.931
Cast Iron Pipe.....	.817
Circular Brick.....	4.727
Brick.....	1.449
Stone.....	.516
Tunnel.....	.388
Cement Pipe.....	.104
<b>Total.....</b>	<b>49.932</b>

**City Wharf**

Miscellaneous repairs that were necessary were made to the various buildings, located on City Wharf.

Appropriation, \$500.00; Expenditure, \$161.43; Balance, \$338.57.

I respectfully call to the attention of your Honorable Body, the deplorable condition of the buildings used by this department; the Roller House, especially, is flooded at nearly every rain storm and it is a bad place for men to work.

As we are now living in the era of public improvement, I would recommend that these old buildings be torn down, removed, and that a substantial brick building be erected of sufficient capacity to accommodate the needs of the department.

**Horses and Carts**

One pair of horses was purchased from Mr. Elmer Sisson for the sum of \$100.00.

The horse and cart was sent to the Humane Society, Providence, Rhode Island, and the only expense attached was the freight, amounting to \$2.

Another horse, which had passed his days of usefulness to the department, was given to Mr. Robert F. Stewart with the understanding that the horse would only be used for light work.

Appropriation, for horses, \$750.00; Expenditure, \$602.00; Balance, \$148.00.

The carts and gears were repaired and painted by the permanent employees of the department, during the winter months.

### Snow Removal

Snow falls were more numerous and heavier than for some years past. This, of course, increased the cost of cleaning and removal.

This class of work is an item of expense, which it is impossible to estimate. For illustration, this year the appropriation was raised twice to meet the requirements.

Appropriation, \$4,500.00; Expenditure, \$3,017.05; Balance, \$1,482.95.

Snow Removal Expense for the Past Twelve Years for Comparison :

1903.....	\$8049 17
1904.....	1860 55
1905.....	2752 04
1906.....	620 42
1907.....	4087 16
1908.....	1680 76
1909.....	804 54
1910.....	3336 95
1911.....	1871 61
1912.....	1466 11
1913.....	111 03
1914.....	3017 05
Total.....	<u>\$29684 39</u>

Average cost per year for the past twelve years :—\$2,473.70.

### Removal of Snow, Year 1914

1914	Department				Hired			Total	
	Teams		Carts		Teams				
	Loads	Cu. Yds.	Loads	Cu. Yds.	Loads	Cu. Yds.		Cu. Yds.	
Feb. 17	32	96	78	117	192	576		789	
" 18	52	156	72	108	336	1008		1272	
" 19	16	48	7	10½	48	144		202½	
" 20	12	36	40	60	358	1074		1170	
" 21	50	150	47	70½				220½	
" 23	8	24	9	13½	232	696		733½	
" 25			11	16½				16½	

## REPORT OF STREET COMMISSIONER

	Department				Hired		Total
	Teams		Carts		Teams		
1914	Loads	Cu. Yds.	Loads	Cu. Yds.	Loads	Cu. Yds.	Cu. Yds.
Eeb. 26	40	120	55	82½			202½
“ 27	30	90	51	76½			166½
“ 28	20	60	40	60			120
March 3	53	159	48	72			231
“ 4	36	108	22	33			141
	349	1047	480	720	1166	3498	5265

## Settling Tank

The Settling Tank, located on Briggs Wharf, was cleaned this year at an expense of \$422.05. Minor repairs were made at an expense of \$18.72.

Appropriation, \$600.00 ; expenditure, \$440.77 ; balance, \$159.23.

The Main Sewer Outlet should be repaired next year.

## STREET CLEANING

The cleaning of streets, other than the permanent pavements, was commenced on the second day of April and continued until the twenty-fifth day of November, when the work was discontinued until next season. The men were kept at work about three weeks longer than for some years past, which was made possible by a transfer of \$2,000.00 from another appropriation.

The appropriation for Street Cleaning should be at least \$32,000, as the cost of same is increasing every year.

The street cleaning force is divided into five sections ; two of which cover the city proper ; two cover the suburban districts, including the mowing of grass, weeding, etc., and one section covers Bellevue Avenue. Permanent men are employed upon the pavements of Thames Street, Spring Street, Broadway and Long Wharf. Total loads removed this season, 14,454.

From our card index system, we submit the following table, showing the amount of work done by this part of the department, viz. :—

## CLEANING STREETS--SEASON 1914.

Permanent Pavements	Miles	Sq. Yds.	Cost
Broadway & Washington Square	231.3	7752480	\$2176 69
Long Wharf	136.9	1646722	934 59
Spring Street	670.5	8443400	2444 70
Thames Street	767.1	9863280	6187 87
	1805.8	27705882	\$11743 85

# REPORT OF STREET COMMISSIONER

7

Bellevue Avenue.....	868.9	15935030	\$2350 34
All Other Streets.....	803.7	12594100	17752 92
Total. ....	3478.4	56235012	\$31847 11
Appropriation for Street Cleaning, \$32,000.00; expenditure, \$31,847.11; balance, \$152.89.			

## Refuse Disposal

The city refuse was collected by the contractors, Messrs. Neffer & Hattub. Very few complaints have been received by this office, therefore the collection has been satisfactory.

Two men are employed at the dump to dispose of the material as received.

Total Appropriation, \$11,600.00; Expenditure, \$11,584.55, Balance, \$15.45.

## Cleaning Catch Basins and Eyes

Four men with apparatus were employed during the year, weather permitting, in cleaning and flushing catch basins and eyes. 1,619 Catch Basins and 1,113 Eyes were cleaned and flushed, and 1,407 loads of material were removed at an expense of \$3,425.23.

It will be necessary to purchase two steel carts next year because the carts are now worn-out past repair.

## Catch Basins and Eyes

	Catch Basins.	Eye- holes.	Total
Previously reported,	477	309	786
Built during 1914,	4	10	14
Total,	481	319	800

## Cleaning Main Sewers

The cleaning and flushing of our sewage system is performed by four competent men, who are employed throughout the year.

We have now about Fifty miles of sewers, which are cleaned this year at an expense of \$2,178.99. Average cost per mile—\$43.58.

During the fiscal year, this department has inspected 151 individual sewer connections.

## Street Sprinkling

Street Watering commenced on the first day of May and continued until the seventeenth day of November, when the carts were retired.

The total cost of watering this year was \$10,306.26 or about \$198.20 per mile for the season. Fifty-two miles of streets were watered at least twice daily, when needed.



## REPORT OF STREET COMMISSIONER

It will be necessary to purchase one double and three single watering carts next year to replace worn-out carts.

It is many years since this department has purchased any watering carts. This is due to the fact that the carts are thoroughly overhauled, repaired and painted every winter by the permanent men. This method of treatment prolongs the life of the carts.

The following statistics will give you the amount of work performed by each cart, viz:



## REPORT OF STREET COMMISSIONER

## STREET WATERING

Load per day	Double Cart No. 26	Capacity 500 gals.		Gallons Used per day		Fresh, 15,000; Salt, None.	
		Totals		Gallons of Water Used.		Mileage of Streets Watered.	
		Fresh	Salt	Total	Fresh	Salt	Total
1911	Days	Fresh	Salt	Total	Fresh	Salt	Total
April	4 6	74100		74100	67 10		67 10
May	3	40800		40800	30 06		30 06
					760742		760742
					477042		477042
	7 6	120900		120900	93 16		93 16
					1234084		1234084

## STREET WATERING

Loads per day—Fresh, 28 ; Salt, None.		Double Cart No. 27.		Capacity 600 gals.		Gallons Used per day—Fresh, 16,800 ; Salt, None.	
		Totals		Mileage of		Area of Streets Watered.	
		Gallons of Water Used.		Streets Watered.			
1914	Days	Fresh	Salt	Total	Fresh	Salt	Total
April	5-1	86100	.....	86100	47.56	.....	47.56
May	24-2	407400	.....	407400	198.37	.....	198.37
June	27	453600	.....	453600	167.40	.....	167.40
July	22-5	380100	.....	380100	140.27	.....	140.27
Aug.	20-4	344400	.....	344400	127.10	.....	127.10
Sept.	26-2	441000	.....	441000	162.75	.....	162.75
Oct.	24	403200	.....	403200	148.80	.....	148.80
Nov.	12-6	214200	.....	214200	79.05	.....	79.05
	162-4	2730000	.....	2730000	1071.30	.....	1071.30
					21601246	.....	21601246

925155

3712238

3440556

2883059

2612274

3344985

3058272

1624707



## STREET WATERING

		Double Cart No. 30.		Capacity 600 gals.									
		Loads per day—Fresh, 10 ; Salt, 10.		Gallons Used per day—Fresh, 6,000 ; Salt, 6,000.									
		Totals		Mileage of		Streets Watered.		Area of Streets Watered.					
		Gallons of Water Used.		Fresh		Salt		Total		Fresh		Salt	
1914	Days	Fresh	Salt	Total	Fresh	Salt	Total	Fresh	Salt	Fresh	Salt	Total	Total
May	18-4	111000	111000	222000	76.96	75.48	152.44	1205386	1609426			2814812	
June	25	150000	150000	300000	104.00	102.00	206.00	1628800	2174900			3803800	
July	20-4	123000	123000	246000	85.28	83.64	168.92	1335698	1783418			3119116	
Aug.	17-6	106500	106500	213000	73.84	72.42	146.26	1156519	1544179			2700698	
Sept.	26	162000	162000	324000	112.32	110.16	222.48	1759212	2348892			4108104	
Oct.	5-2	31500	31500	63000	21.84	21.42	43.26	342069	456729			798798	
	114	684000	684000	1368000	474.24	465.12	939.36	7427784	9917544			17345328	

## REPORT OF STREET COMMISSIONER

## STREET WATERING

Loads per day	1914	Days	Double Cart No. 31.			Capacity 600 gals.					
			Fresh, None ; Salt, 12.			Gallons Used per day					
			Totals			Fresh, None ; Salt, 7,200.					
			Gallons of Water Used.			Mileage of Streets Watered.			Area of Streets Watered.		
			Fresh	Salt	Total	Fresh	Salt	Total	Fresh	Salt	Total
May		18 2	.....	131400	131400	.....	113.33	113.33	.....	1996331	1996331
June		25	.....	180000	180000	.....	117.00	117.00	.....	2197500	2197500
July		20 4	.....	147600	147600	.....	96.94	96.94	.....	1801950	1801950
Aug.		17 2	.....	124200	124200	.....	80.73	80.73	.....	1510275	1510275
Sept.		27	.....	194400	194400	.....	126.36	126.36	.....	2373300	2373300
Oct.		5 2	.....	37800	37800	.....	24.57	24.57	.....	461475	461475
		113 2	.....	815400	815400	.....	557.93	557.93	.....	10340831	10340831

Capacity 600 gals.

Gallons Used per day

Fresh, None ; Salt, 7,200.

Mileage of

Streets Watered.

Area of Streets Watered.

## STREET WATERING

		Double Cart No. 32		Capacity 700 gals.							
		Loads per day—Fresh, 25 ; Salt, None.		Totals.		Gallons of Water Used.		Mileage of Streets Watered.		Area of Streets Watered.	
1914	Days	Fresh	Salt	Total	Fresh	Salt	Total	Fresh	Salt	Total	
May	18-2	319375	.....	319375	86.69	.....	86.69	1141538	.....	1141538	1141538
June	25-4	446250	.....	446250	98.68	.....	98.68	1333242	.....	1333242	1333242
July	20	350000	.....	350000	77.40	.....	77.40	1045680	.....	1045680	1045680
Aug.	17-2	301875	.....	301875	66.76	.....	66.76	901899	.....	901899	901899
Sept.	27	472500	.....	472500	104.49	.....	104.49	1411668	.....	1411668	1411668
Oct.	18-6	328125	.....	328125	72.56	.....	72.56	980325	.....	980325	980325
Nov.	4-4	78750	.....	78750	17.42	.....	17.42	235278	.....	235278	235278
	131-2	2296875	.....	2296875	524.00	.....	524.00	7049630	.....	7049630	7049630



## REPORT OF STREET COMMISSIONER

## STREET WATERING

Load per day	Days	Double Cart No. 33		Capacity 400 gals.		Gallons Used per day - Fresh, 16,200 ; Salt, None.	
		Fresh, 27 ; Salt, None.		Total		Mileage of Streets Watered	
		Gallons of Water Used.		Fresh		Area of Streets Watered.	
1914		Fresh	Salt	Total	Fresh	Total	Total
May	18 2	296650		296650	189.07	189.07	9085081
June	26 4	113100		413100	219.56	219.56	3240000
July	30	324000		324000	172.20	172.20	2545000
Aug.	17 2	279450		279450	148.52	148.52	2195000
Sept.	27	437400		437400	232.47	232.47	3437046
Oct.	16 6	271350		271350	144.22	144.22	2132242
	124 6	2020950		2020950	1106.04	1106.04	10508108

## STREET WATERING

Single Cart No. 10

Capacity 350 gals.

Loads per day - Fresh, 38 ; Salt, None.

Totals.

Gallons of Water Used.

Mileage of

Streets Watered.

Gallons Used per day—Fresh, 13,300 ; Salt, None.

Area of Streets Watered.

1914	Days	Fresh	Salt	Total	Fresh	Salt	Total	Fresh	Salt	Total
May	17-6	236075	.....	236075	131.71	.....	131.71	1838439	.....	1838439
June	23	305900	.....	305900	170.66	.....	170.66	2382202	.....	2382202
July	16	212800	.....	212800	118.72	.....	118.72	1657184	.....	1657184
Aug.	14	186200	.....	186200	108.88	.....	108.88	1450086	.....	1450086
Sept.	26	345800	.....	345800	192.92	.....	192.92	2692924	.....	2692924
Oct.	20-6	275975	.....	275975	153.96	.....	153.96	2149160	.....	2149160
Nov.	4-4	59850	.....	59850	33.39	.....	33.39	466083	.....	466083
	122	1622600	.....	1622600	905.24	.....	905.24	12636028	.....	12636028

## REPORT OF STREET COMMISSIONER

STREET WATERING									
Single Cart No. 14.		Capacity 350 gals.		Gallons Used per day--Fresh, 10,500 ; Salt, None.					
Totals		Totals		Totals					
Gallons of Water Used.		Mileage of Streets Watered.		Area of Streets Watered.					
Days	Fresh	Salt	Total	Fresh	Salt	Total	Fresh	Salt	Total
1914									
May	21	2	223125	160	23	160	1920065		1920065
June	25		262500	188	50	188	2258900		2258900
July	20		210000	143	40	143	1629440		1629440
Aug.	18		189000	129	06	129	1468496		1468496
Sept.	27		283500	193	59	193	2199744		2199744
Oct.	19		199500	136	23	136	1547968		1547968
Nov.	4	4	47250	32	26	32	366624		366624
134	6		1414875	983	27	983	11889237		11889237

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STREET WATERING										
Single Cart No. 15.			Capacity 350 gals.			Gallons Used per day—Fresh, 13,300; Salt, None.				
Totals			Totals			Mileage of		Area of Streets Watered.		
Gallons of Water Used.			Streets Watered.			Streets Watered.		Area of Streets Watered.		
1914	Days	Fresh	Salt	Total	Fresh	Salt	Total	Fresh	Salt	Total
May	18-6	249375	.....	249375	119 81	.....	119 81	1428300	.....	1428300
June	25	332500	.....	332500	159 75	.....	159 75	1904400	.....	1904400
July	20	266000	.....	266000	127 80	.....	127 80	1523520	.....	1523520
Aug.	18	239400	Aug.	239400	115 02	.....	115 02	1371168	.....	1371168
Sept.	27	359100	Sept.	359100	172 53	.....	172 53	2056752	.....	2056752
Oct.	19-2	256025	.....	256025	123 01	.....	123 01	1466388	.....	1466388
Nov.	5	66500	.....	66500	31 95	.....	31 95	380880	.....	380880
	133	1763900	.....	1763900	849 87	.....	849 87	10131408	.....	10131408

## REPORT OF STREET COMMISSIONER

## STREET WATERING

Single Cart No. 16.	Capacity 350 gals.
Loads per day	Fresh, 37 ; Salt, None.
	Gallons Used per day, 12,950 ; Salt, None.

1911	Totals			Mileage of Streets Watered.		Area of Streets Watered.	
	Days	Fresh	Salt	Total	Fresh	Salt	Total
May	23	297850	.....	297850	132.48	.....	2810914
June	25	323750	.....	323750	140.25	.....	2791500
July	21	271950	.....	271950	117.81	.....	2344860
Aug.	18	239575	.....	239575	103.79	.....	2035710
Sept.	27	349650	.....	349650	151.47	.....	3014820
Oct.	22	288138	.....	288138	124.82	.....	2484435
Nov.	9	116550	.....	116550	50.49	.....	1004940
	145	1887463	.....	1887463	821.11	.....	16817179

## STREET WATERING

Single Cart No. 22		Capacity 800 gals		Gallons Used per day—Fresh, 9,000 ; Salt, None.	
Loads per day—Fresh, 30 ; Salt, None.		Totals		Mileage of Streets Watered.	
Gallons of Water Used.		Area of Streets Watered.			
1914	Days	Fresh	Salt	Total	Total
May	21-4	193500	.....	164.69	2471088
June	25-4	229500	.....	163.46	2531691
July	20	180000	.....	128.20	1985640
Aug.	18	162000	.....	106.92	1693368
Sept.	27	243000	.....	160.38	2540052
Oct.	21	189000	.....	124.74	1975596
Nov.	6	54000	.....	35.64	564456
	139	1251000	.....	884.03	13761841

## REPORT OF STREET COMMISSIONER

## STREET WATERING

Single Cart No. 37.		Capacity 350 gals.		Gallons Used per day—Fresh, 4,900 ; Salt, 700.	
Loads per day		Fresh, 14 ; Salt, 2.		Gallons Used per day—Fresh, 4,900 ; Salt, 700.	
Totals		Mileage of Streets Watered.		Area of Streets Watered.	
Gallons of Water Used.		Fresh		Salt	
Days	Fresh	Salt	Total	Fresh	Total
1914					
May					
June	78400	11200	89600	67.84	73.92
	117600	16800	134400	96.96	106.08
July	83300	11900	95200	68.68	75.14
Aug.	71050	10150	81200	58.58	64.09
Sept.	107800	15400	123200	88.88	97.24
Oct.	78400	11200	89600	64.64	70.72
109-4	536550	76650	613200	445.58	487.19
				41.61	973236
					6176051

## SUMMARY OF STREET WATERING

Cart	Days	Gallons of Water Used			Mileage of Streets Watered			Area of Streets Watered.		
		Fresh	Salt	Total	Fresh	Salt	Total	Fresh	Salt	Total
25	131-2	2047500	.....	2047500	1402.91	.....	1402.91	18975371	.....	18975371
26	7-6	120900	.....	120900	93.16	.....	93.16	1234684	.....	1234684
27	162-4	2730000	.....	2730000	1071.30	.....	1071.30	21601246	.....	21601246
29	137-6	2148900	.....	2148900	905.63	.....	905.63	14029827	.....	14029827
30	114	684000	.....	1868000	474.24	.....	939.36	7427784	.....	17346328
31	113-2	.....	815400	815400	.....	557.93	557.93	9917544	.....	10346831
32	131-2	2296875	.....	2296875	524.00	.....	524.00	7049630	.....	7049630
33	124-6	2020950	.....	2020950	1106.04	.....	1106.04	16593198	.....	16593198
10	122	1622600	.....	1622600	905.24	.....	905.24	12636028	.....	12636028
14	134-6	1414875	.....	1414875	983.27	.....	983.27	11389237	.....	11389237
15	133	1768900	.....	1768900	849.87	.....	849.87	10131408	.....	10131408
16	145-6	1887463	.....	1887463	821.11	.....	821.11	16317179	.....	16317179
22	139	1251000	.....	1251000	884.03	.....	884.03	13761841	.....	13761841
37	109-4	536550	76650	613200	445.58	41.61	487.19	5202815	973236	6176051
	1706-4	20530513	1576050	22106563	10466.38	1064.66	11531.04	156350248	21237611	177587859



# COMPARATIVE STATEMENT OF STREET WATERING

Year	Day	Gallons of Water Used.			Mileage of Streets Watered.			Area of Streets Watered.		
		Fresh	Salt	Total	Fresh	Salt	Total	Fresh	Salt	Total
1907	1973 2	29622914	2245075	31867989	14918.61	1812.24	16730.85	202983848	30867467	233851315
1908	1977 2	30653738	1861038	32214776	15007.45	1768.34	16775.79	204414971	30205186	234620157
1909	1971 3	26831452	1661662	28593114	13352.02	1539.13	14891.15	182801035	26490048	209291078
1910	1526 6	24112998	2221574	26634572	10943.16	1393.47	12336.63	156700279	31087143	187787422
1911	1469 5	17868183	1647200	19515383	9336.57	978.39	10314.96	135028329	18377241	153406570
1912	1674 1	20084089	1865650	21949739	11251.24	1067.77	12319.01	163772122	20480371	184252493
1913	1406 1	17881771	1477500	19359271	9563.45	678.33	10241.78	142389874	13846873	156236747
1914	1706 4	20530513	1576080	22106593	10468.38	1064.66	11531.04	156350248	21237611	177687859

STANDPIPE LOCATIONS

AYRAULT STREET

near Kay Street

ANNANDALE ROAD

opposite Ward Avenue

“ Weaver Avenue

BEDLOW AVENUE

near Broadway

BELLEVUE AVENUE

near Jones Avenue

“ Perry Street

“ Yznaga Avenue

“ Ledge Road

opposite Bancroft Avenue

BLISS ROAD

opposite Ledyard Place

BOWERY STREET

opposite King Street

BRIDGE STREET

near N. Y., N. H. and H. R. R.

BRINLEY STREET

near Kay Street

BROADWAY

near Mann Avenue

“ Bliss Road

“ Princeton Street

north of Vernon Avenue

CARROLL AVENUE

near Ocean Avenue

“ Ruggles Avenue

CASTLE HILL AVENUE

near Ridge Road

CATHERINE STREET

near Brinley Street

CHANNING STREET

near Dartmouth Street

**CHURCH STREET**

near High Street

**CLIFF AVENUE**

between Merton Road and Berkeley Avenue

**COGGESHALL AVENUE**

near Ocean Avenue

" Ruggles Avenue

opposite No. 3 Fire Station

" Morton Park

**EAST BOWERY STREET**

near Freebody Street

**EASTON'S BEACH**

at Pavilion

**ELM STREET**

near Washington Street

**FAREWELL STREET**

north of Warner Street

**FRANKLIN STREET**

at Post Office

**GIBBS AVENUE**

near Catherine Street

**HALL AVENUE**

between Van Zandt Avenue and Evarts Street

**HALIDON AVENUE**

near Harrison Avenue

**HARRISON AVENUE**

near Roseneath Avenue

" Webster's Estate

at Clark's Estate

West of Morgan's Estate

at Fort Adams

**HOUSTON AVENUE**

near Wellington Avenue

" Connection Street

**KAY STREET**

near Powel Avenue

**MAIBONE AVENUE**

near Evarts Street

MIDDLETON AVENUE  
near Bath Road

MOUNT VERNON STREET  
near Barney Street

NARRAGANSETT AVENUE  
near Clay Street

OCHRE POINT AVENUE  
at Van Alen Estate

PARKER AVENUE  
near Bellevue Avenue

PELHAM STREET  
at Touro Park

POPLAR STREET  
near Washington Street

POWEL AVENUE  
near Broadway

RHODE ISLAND AVENUE  
near Old Beach Road

RIDGE ROAD  
opposite Hoffman Estate

RIVER LANE  
rear Army and Navy Y. M. C. A.

RUGGLES AVENUE  
near Ochre Point Avenue  
" Wetmore Avenue

SECOND STREET  
between Chestnut Street and Cherry Street  
" Elm Street and Poplar Street

SPRING STREET  
near Narragansett Avenue  
" Holland Street  
opposite Dennison Street  
" Gidley Street  
near Pelham Street  
" Mary Street  
" Touro Street

**THAMES STREET**

near Carroll Avenue  
opposite Lee Avenue  
“ South Baptist Street

**VAN ZANDT AVENUE**

near Third Street  
opposite Vicksburg Place

**WEST BROADWAY**

near Collins Street  
“ Gould Street

**WARNER STREET**

at Island Cemetery  
between Gould Street and Clinton Avenue

**WASHINGTON STREET**

at Battery Park  
opposite Bridge Street

**WEBSTER STREET**

near Bellevue Avenue

**WELLINGTON AVENUE**

near Halidon Avenue

**WEST NARRAGANSETT AVENUE**

near Thames Street

**APPLYING DUSTOLINE**

This is the eighth year that this department has treated the roadbeds of certain streets with Dustoline. This fact clearly demonstrates the value of this material as a dustlayer, and that it gives this department entire satisfaction.

During the past season, we have treated Thirty-two miles of roadbed of an average width of Twenty feet, at an average cost of \$124.06 per mile. The total cost of applying Dustoline this season was \$3,970.14. Six tank cars were purchased, containing 45,290 gallons.

The following statistics will give you full details as per each application, viz :

## FIRST CAR OF DUSTOLINE

First Application, May 9, 11, 18, 19, 20, 1914

Street or Avenue	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used	Total Cost
Second Street.....	6358	.0759	483	\$42.34
Third Street, Marsh Street to Cypress Street.....	9596	.0405	386	33.84
Cypress Street.....	2396	.0405	97	8.50
Washington Street, Battery Street to Railroad Tracks.....	6534	.0527	344	30.16
Washington Street, Battery Street North.....	222	.0527	12	1.05
Battery Street.....	1188	.0527	63	5.52
Maitland Court.....	618	.0527	33	2.89
LaSalle Place.....	590	.0527	31	2.72
Bridge Street.....	2629	.0649	171	14.99
Cross Street.....	748	.0649	49	4.30
Thames Street, Bridge Street to Poplar Street.....	800	.0649	52	4.56
Sanford Street.....	356	.0649	23	2.02
North Baptist Street.....	492	.0649	32	2.81
Elm Street.....	2416	.0649	157	13.76
Poplar Street, Washington Street to Third Street.....	1167	.0733	86	7.54

## REPORT OF STREET COMMISSIONER

## FIRST CAR OF DUSTOLINE

First Application, May 9, 11, 18, 19, 20, 1914

Street or Avenue	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used	Total Cost
Chase Street.....	229	.0733	17	\$1.49
Willow Street.....	1968	.0733	144	12.62
Walnut Street.....	2095	.0733	154	13.50
Chestnut Street.....	1129	.0733	83	7.28
Cherry Street.....	1350	.0454	61	5.35
Guernsey Court.....	490	.0454	22	1.98
Sunshine Court.....	448	.0454	20	1.75
Gladding Court.....	250	.0454	12	1.05
Pine Street.....	1384	.0454	63	5.52
Sycamore Street.....	2378	.0454	108	9.47
Van Zandt Avenue, Farewell Street to the Harbor.....	4333	.0454	197	17.26
Ridge Road.....	10744	.0661	711	62.33
Harrison Avenue, Ridge Road to Webster's.....	18489	.0661	1223	107.21
Rousemainere Place.....	213	.0453	10	.88
Northam Lane, Thames Street to Rousemainere Place.....	333	.0453	15	1.31

## FIRST CAR OF DUSTOLINE

First Application, May 9, 11, 18, 19, 20, 1914

Street or Avenue	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used	Total Cost
Whittier Avenue.....	707	.0453	32	\$2.81
Dennis Avenue.....	520	.0453	24	2.10
Wilcox Court.....	208	.0453	9	.79
Sherman Wharf.....	1500	.0453	68	5.96
Swinburne's Wharf.....	1017	.0453	46	4.03
Champlin's Wharf.....	735	.0453	33	2.89
Bull's Wharf, 150 feet.....	250	.0453	11	.96
Lopez Wharf, 150 feet.....	250	.0453	11	.96
Market Square.....	550	.0453	25	2.19
Newman's Wharf.....	611	.0453	28	2.46
Ferry Wharf.....	342	.0453	15	1.31
Bowen's Wharf.....	1279	.0453	58	5.08
West Pelham Street.....	1057	.0453	48	4.21
Sayer's Wharf.....	1625	.0453	74	6.49
Scott's Wharf.....	550	.0453	25	2.19



## FIRST CAR OF DUSTOLINE

First Application, May 9, 11, 18, 19, 20, 1914

Street or Avenue	Sq. Yds.	Average Gal. per Sq. Yd.	Gals Used	Total Cost
North and South Commercial Wharf and between . . . . .	6725	.0453	306	\$26.82
Hammett's Lumber Yard (200 feet) . . . . .	622	.0453	28	2.46
Perry Mill Wharf . . . . .	1833	.0453	83	7.28
Bailey's Court (150 feet) . . . . .	283	.0453	13	1.14
Cottrell's Wharf . . . . .	567	.0453	26	2.28
Taylor's Court . . . . .	767	.0453	35	3.07
Brown & Howard's Wharf . . . . .	1000	.0453	45	3.95
Lee's Wharf . . . . .	1200	.0453	54	4.73
West Howard Street . . . . .	1052	.0453	48	4.21
Spring Wharf . . . . .	1011	.0453	46	4.03
Extension Street, Thames Street West . . . . .	867	.0453	39	3.42
Waite's Wharf . . . . .	1114	.0453	51	4.47
Coddington Wharf . . . . .	456	.0453	21	1.84
Goodwin Street . . . . .	812	.0453	37	3.24
Richmond Street . . . . .	650	.0453	29	2.54

FIRST CAR OF DUSTOLINE  
First Application, May 9, 11, 18, 19, 20, 1914

Street or Avenue	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used	Total Cost
Harrington Street.....	928	.0453	42	\$3.68
Cotton Court.....	360	.0453	16	1.40
Mary Street, Spring Street to Touro Street.....	1138	.0614	71	6.22
High Street.....	818	.0614	50	4.38
School Street.....	1074	.0614	66	5.79
Mount Vernon Street, Touro Street to Bull Street.....	1733	.0614	106	9.29
Whitfield Court.....	708	.0614	43	3.77
Barney Street.....	1006	.0614	63	5.44
Sherman Street.....	1377	.0614	85	7.45
Touro Street, Spring Street to Bellevue Avenue.....	2046	.0789	162	14.20
Kay Street, Bellevue Avenue to Gibbs Avenue.....	10200	.0789	805	70.57
Rhode Island Avenue, Kay Street to Old Beach Road.....	10153	.0243	247	21.65
Annandale Road.....	7626	.0243	186	16.31

## REPORT OF STREET COMMISSIONER

## FIRST CAR OF DUSTOLINE

First Application, May 9, 11, 18, 19, 20, 1914

Street or Avenue	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used	Total Cost
Dresser Street.....	2053	.0243	50	\$4.38
	153263		8218	\$720.39

Cost per gallon, applied, \$0.08766

Average Cost per square yard, \$0.0047

SECOND CAR OF DUSTOLINE  
First Application, May 11, 14, 15, 16, 1914

Street or Avenue	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used	Total Cost
Marsh Street.....	3717	.0408	152	\$13.32
Braman Court.....	591	.0408	24	2.10
Farewell Street, Broadway to Van Zandt Avenue.....	7529	.0408	307	26.91
Coddington Street.....	680	.0408	28	2.46
Charles Street, North Baptist Street to Marlborough Street.....	880	.0723	64	5.61
West Marlborough Street.....	2123	.0723	154	13.50
Marlborough Street.....	2272	.0723	164	14.38
West Broadway.....	3981	.0723	288	25.25
Branch Street.....	212	.0723	15	1.31
Gould Street.....	1927	.0723	139	12.18
Tilley Avenue.....	1572	.0723	114	9.99
Congdon Avenue.....	1179	.0723	85	7.45
Washington Square.....	4333	.0812	352	30.86
Park Place.....	398	.0812	32	2.81
Touro Street, Spring Street to Thames Street.....	1556	.0812	127	11.13

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## SECOND CAR OF DUSTOLINE

First Application, May 11, 14, 15, 16, 1914

Street or Avenue	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used	Total Cost
Rhode Island Avenue, Broadway to Kay Street.....	8860	.0572	192	\$16.83
Powell Avenue.....	4470	.0572	256	22.44
Hope Street.....	1102	.0572	63	5.52
Bliss Road.....	7157	.0714	511	44.79
Friendship Street.....	3724	.0741	276	24.19
Friendship Place.....	486	.0741	36	3.16
Bradford Avenue.....	1116	.0741	83	7.28
Gardner Street.....	682	.0741	51	4.47
Robinson Street.....	880	.0741	66	5.79
Gibbs Avenue, Bliss Road to Catherine Street.....	13338	.0383	511	44.79
Catherine Street, Bellevue Avenue to Gibbs Avenue.....	21150	.0283	493	43.22
Elizabeth Street.....	525	.0283	13	1.14
Centre Street.....	267	.0283	6	.53
Cranston Avenue.....	2560	.0528	135	11.83
Prairie Avenue, Catherine Street to Champlin Street.....	2400	.0528	128	11.22

SECOND CAR OF DUSTOLINE

First Application, May 11, 14, 15, 16, 1914

Street or Avenue	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used	Total Cost
Hunter Avenue.....	4715	.0528	249	\$21.83
Old Beach Road, Bellevue Avenue to Gibbs Avenue.....	7327	.0547	401	35.15
Red Cross Avenue, Old Beach Road South, (500 feet).....	2000	.0547	110	9.64
Chapel Street.....	3074	.0710	218	19.11
DeBlois Street.....	907	.0710	65	5.70
State Street.....	1841	.0710	131	11.48
Downing Street.....	633	.0710	45	3.95
Franklin Street.....	735	.0710	52	4.56
	117404		6136	\$537.88.

Cost per gallon applied, \$.08766

Average Cost per square yard, \$.0046

## THIRD CAR OF DUSTOLINE

First Application, May 22, June 3, 4, 5, 6, 23, 1914

Street or Avenue	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used	Total Cost
East Bowery Street	4022	.0598	241	\$21.18
Berkeley Avenue	5619	.0598	336	29.45
Narragansett Avenue, Thames Street to Forty Steps	18577	.0821	1154	101.16
Parker Avenue, Bellevue Avenue East, 400 feet	1067	.0871	72	6.31
Clay Street	8443	.0871	231	20.25
Ochre Point Avenue, Ruggles Avenue North, 200 feet	511	.0871	34	2.98
Ruggles Avenue, Wetmore Avenue to Drexel's Estate	2750	.0871	185	16.22
Brewster Court	816	.0871	55	4.82
Around Grass Plat, Carroll Avenue near Bateman Avenue	111	.0859	11	.96
Carroll Avenue, Thames Street to Bateman Avenue*	4915	.1043	513	44.97
Old Fort Road, Carroll Avenue Southwest, 200 feet	556	.0859	53	4.65
Poplar Street, Thames Street to Third Street	2100	.0826	173	15.17
Whitehall Street	760	.0826	63	5.52
Bath Road, Bellevue Avenue to Freebody Street	3103	.0826	261	22.88
Colonial Street	309	.0826	26	2.28

**THIRD CAR OF DUSTOLINE**  
**First Application, May 22, June 3, 4, 5, 6, 23, 1914**

Street or Avenue	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used	Total Cost
Meeting Street.....	650	.0826	54	\$4.73
Chastellux Avenue.....	3591	.0804	289	25.33
Wellington Avenue*.....	15289	.1320	2019	176.99
Halidon Avenue.....	3427	.0837	287	25.16
Harrison Avenue, Webster's to Chastellux Avenue.....	3467	.0837	290	25.42
Church Street, Bellevue Avenue West, 400 feet.....	933	.0726	68	5.96
Mill Street, Bellevue Avenue West, 400 feet.....	933	.0726	68	5.96
Touro Park West.....	440	.0726	32	2.81
Pelham Street, Bellevue Avenue West, 400 feet.....	933	.0726	68	5.96
Prospect Hill Street, Bellevue Avenue West, 400 feet.....	567	.0726	41	3.59
John Street, Bellevue Avenue West, 400 feet.....	800	.0726	58	5.08
William Street, Bellevue Avenue West, 400 feet.....	711	.0726	51	4.47
Jones Avenue.....	1627	.0726	119	10.43
Morton Avenue.....	4225	.0852	360	31.56
	86322		7212	\$632.20

Cost per gallon applied, \$.08766

Average Cost per square yard, \$.0073

\*New Work



## REPORT OF STREET COMMISSIONER

## THIRD CAR OF DUSTOLINE

Second Application, June 6, 23, 1914

Street or Avenue	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used	Total Cost
Bath Road, Bellevue Avenue to Freebody Street	3163	.0137	43	\$3.77
Kay Street, Touro Street to Bull Street	2070	.0137	29	2.54
West Broadway	3981	.0666	265	23.23
Goold Street	1927	.0666	128	11.22
Tilley Avenue	1572	.0666	105	9.20
Congdon Avenue	1179	.0666	79	6.93
Carroll Avenue, Thames Street to Bateman Avenue	4915	.0386	190	16.66
Around Grass Plot, Carroll Avenue near Bateman Avenue	111	.0386	4	.35
Old Fort Road, Carroll Avenue Southwest, 200 feet	556	.0386	22	1.93
	19474		865	\$75.83

Cost per gallon applied, \$0.08766

Average Cost per square yard, \$0.0039.

FOURTH CAR OF DUSTOLINE  
First Application, July 23, 1914

Street or Avenue	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used	Total Cost
Eustis Avenue, Catherine Street to Water Works Road.....	3467	.0628	218	\$19.11

Cost per gallon applied, \$0.08766

Average Cost per square yard, \$0.0055

## REPORT OF STREET COMMISSIONER

## FOURTH CAR OF DUSTOLINE

Second Application, June 26, 27, July 23, 27, 1914

Street or Avenue	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used	Total Cost
Washington Square.....	4333	.0782	339	\$29.72
Touro Street, Spring Street to Thames Street.....	1556	.0782	122	10.69
Thames Street, Bridge Street to Poplar Street.....	800	.0782	63	5.52
Cross Street.....	748	.0782	58	5.08
Second Street.....	6358	.0522	332	29.10
Sycamore Street.....	2378	.0522	125	10.96
Cypress Street.....	2396	.0522	125	10.96
Third Street, Marsh Street to Cypress Street.....	9536	.0419	400	35.06
Van Zandt Avenue, Farewell Street to the Harbor.....	4333	.0419	182	15.96
Kay Street, Bull Street to Cranston Avenue.....	5100	.1139	581	50.93
Washington Street, Battery Street to Railroad Tracks.....	6534	.0559	365	32.00
Washington Street, Battery Street North.....	222	.0559	12	1.05
Battery Street.....	1188	.0559	66	5.79
La Salle Place.....	590	.0559	33	2.89
Pine Street.....	1384	.0559	77	6.75

FOURTH CAR OF DUSTOLINE  
Second Application, June 25, 27, July 23, 27, 1914

Street or Avenue	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used	Total Cost
Guernsey Court.....	490	.0559	27	\$2.37
Bridge Street.....	2629	.0555	146	12.80
Elm Street.....	2416	.0555	134	11.75
Poplar Street, Thames Street to Third Street.....	2100	.0555	117	10.26
Chase Street.....	229	.0555	13	1.14
Willow Street.....	1968	.0555	108	9.47
Chestnut Street.....	1129	.0555	63	5.52
Bliss Road.....	7157	.0599	429	37.61
Bradford Avenue.....	1116	.0599	67	5.87
Gardner Street.....	682	.0599	41	3.59
Whitehall Street.....	760	.0599	46	4.03
Gibbs Avenue, Bliss Road to Catherine Street.....	13333	.0164	219	19.20
Catherine Street, Bellevue Avenue to Gibbs Avenue.....	21150	.0164	347	30.42
Elizabeth Street.....	525	.0164	9	.79
Centre Street.....	267	.0164	4	.35

## REPORT OF STREET COMMISSIONER

FOURTH CAR OF DUSTOLINE  
Second Application, June 26, 27, July 23, 27, 1914

Street or Avenue	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used.	Total Cost
Branch Street	212	.0164	8	.26
Farwell Street, Broadway to Van Zandt Avenue	7529	.0417	314	27.53
Braman Court	591	.0417	25	2.19
Walnut Street	2096	.0417	87	7.63
Marsh Street	3717	.0417	155	13.59
Old Beach Road, Bellevue Avenue to Gibbs Avenue	7827	.0275	202	17.71
Rhode Island Avenue, Broadway to Kay Street	3880	.0275	92	8.06
Rhode Island Avenue, Catherine Street to Old Beach Road	2250	.0275	62	5.43
Powel Avenue	4470	.0275	123	10.78
Friendship Street	3724	.0275	103	9.03
West Marlborough Street	2123	.0431	176	15.43
Marlborough Street	2272	.1280	291	25.51
Sherman Street	1377	.0831	115	10.08
Hunter Avenue	4715	.0154	73	6.40
Chapel Street	3074	.0499	154	13.50

FOURTH CAR OF DUSTOLINE  
Second Application, June 26, 27, July 23, 27, 1914

Street or Avenue	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used	Total Cost
State Street.....	1841	.0499	92	\$8.06
DeBlois Street.....	907	.0499	45	3.95
	15491		6762	\$592.76

Cost per gallon applied, \$0.08766

Average Cost per square yard, \$0.0038

\*New Work

## REPORT OF STREET COMMISSIONER

## FOURTH CAR OF DUSTOLINE

Third Application, July 23, 27, 1914

Street or Avenue	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used	Total Cost
Poplar Street, Thames Street to Third Street*	2100	.1038	218	\$19.11
Gardner Street	682	.1070	73	6.40
West Broadway	8981	.0056	261	22.88
Branch Street	212	.0056	14	1.23
Gould Street	1927	.0056	127	11.13
Talley Avenue	1572	.0056	103	9.03
Congdon Avenue	1179	.0056	77	6.75
Bath Road, Bellevue Avenue to Freebody Street	3163	.0088	218	19.11
Catherine Street, Bellevue Avenue to Brinley Street*	680	.1106	73	6.40
	15476		1164	\$102.04

Cost per gallon applied, \$0.08766

Average Cost per square yard, \$0.0086

\* New Work

FIFTH CAR OF DUSTOLINE  
First Application, August 4, 8, 1914

Street or Avenue	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used	Total Cost
Levin Street.....	1096	.0453	50	\$4.38
West Narragansett Avenue.....	4472	.0385	172	15.08
Bateman Avenue, Carroll Avenue to Meikle Avenue.....	1467	.0385	57	5.00
	7035		279	\$24.46

Cost per gallon applied, \$0.08766  
Average Cost per square yard, \$0.0034



## FIFTH CAR OF DUSTOLINE

Second Application, July 31, August 4, 5, 6, 7, 8, 1914

Street or Avenue	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used	Total Cost
East Bowery Street.....	4022	.0569	229	\$20.07
Annandale Road.....	7626	.0300	229	20.07
Church Street, Bellevue Avenue West, 400 feet.....	933	.0453	42	3.68
Mill Street, Bellevue Avenue West, 400 feet.....	933	.0453	42	3.68
Pelham Street, Bellevue Avenue West, 400 feet.....	933	.0453	42	3.68
Touro Park West.....	440	.0453	20	1.75
Prospect Hill Street, Bellevue Avenue West, 400 feet.....	567	.0453	26	2.28
John Street, Bellevue Avenue West, 400 feet.....	800	.0453	37	3.24
William Street, Bellevue Avenue West, 400 feet.....	711	.0453	32	2.81
Jones Avenue.....	1637	.0453	74	6.49
Dresser Street.....	2053	.0453	93	8.15
Red Cross Avenue, Old Beach Road South, 500 feet.....	2000	.0597	120	10.52
High Street.....	818	.0597	49	4.30
School Street.....	1074	.0597	64	5.61
Whitfield Court.....	708	.0597	42	3.68

## FIFTH CAR OF DUSTOLINE

Second Application, July 31, August 4, 5, 6, 7, 8, 1914

Street or Avenue	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used	Total Cost
Mary Street, Spring Street to Touro Street.....	1138	.0597	68	\$5.96
Ridge Road.....	10744	.0419	452	39.62
Harrison Avenue, Ridge Road to Chastellux Avenue.....	21956	.0419	921	80.73
Morton Avenue.....	4225	.0467	197	17.27
Narragansett Avenue, Thames Street to Forty Steps.....	18577	.0431	801	70.22
Clay Street.....	3443	.0252	87	7.63
Parker Avenue, Bellevue Avenue East, 400 feet.....	1067	.0252	27	2.37
Rousemainere Place.....	213	.0286	6	.53
Northam Lane, Thames Street to Rousemainere Place.....	333	.0286	10	.88
Whittier Avenue.....	707	.0286	20	1.75
Dennis Avenue.....	520	.0286	15	1.31
Wilcox Court.....	208	.0286	6	.53
Sherman Wharf.....	1500	.0286	43	3.77
Swinburne's Wharf.....	1017	.0286	29	2.54
Champlin's Wharf.....	735	.0286	21	1.84
Bull's Wharf, (150 feet).....	250	.0286	7	.61

FIFTH CAR OF DUSTOLINE  
Second Application, July 31, August 4, 5, 6, 7, 8, 1914

Street or Avenue	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used	Total Cost
Lopez Wharf (150 feet)	250	.0286	7	\$ .61
Market Square	550	.0286	16	1.40
Newman's Wharf	611	.0286	17	1.49
Perry Wharf	342	.0286	10	.88
Rowen's Wharf	1270	.0286	37	3.24
West Pelham Street	1057	.0286	30	2.63
Sayer's Wharf	1625	.0286	46	4.03
Scott's Wharf	550	.0286	16	1.40
North & South Commercial Wharf & Between Hammett's Lumber Yard (200 feet)	6725	.0286	192	16.83
Perry Mill Wharf	622	.0286	18	1.54
1833		.0286	52	4.56
Bailey's Court (150 feet)	283	.0286	8	.70
Gottrell's Wharf	567	.0286	16	1.40
Taylor Court	707	.0286	22	1.98
Brown & Howard's Wharf	1000	.0286	29	2.54

FIFTH CAR OF DUSTOLINE  
Second Application, July 31, August 4, 5, 6, 7, 8, 1914

Street or Avenue	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used	Total Cost
Lee's Wharf .....	1200	.0286	34	\$2.98
West Howard Street .....	1052	.0286	30	2.63
Spring Wharf .....	1011	.0286	29	2.54
Extension Street, Thames Street West .....	867	.0286	25	2.19
Waite's Wharf .....	1114	.0286	32	2.81
Coddington Wharf .....	456	.0286	13	1.14
Goodwin Street .....	812	.0286	23	2.02
Richmond Street .....	650	.0286	19	1.67
Harrington Street .....	928	.0286	27	2.37
Cotton Court .....	360	.0286	10	.88
Wellington Avenue .....	15289	.0299	458	40.15
	133688		5067	\$444.17

Cost per gallon applied, \$0.08766

Average Cost per square yard, \$0.0033

## FIFTH CAR OF DUSTOLINE

Third Application, July 31, August 4, 6, 1914

Street or Avenue	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used	Total Cost
Lanzell Street, Broadway to Van Zandt Avenue	7529	.0379	286	\$25.07
Thames Street, Bridge Street to Poplar Street	800	.0618	49	4.30
Braman Court	591	.0618	37	3.24
Catherine Street, Rhode Island Avenue to Brinley Street	3000	.0287	86	7.54
Washington Square	4333	.0561	243	21.30
Town Street, Spring Street to Thames Street	1556	.0561	87	7.63
Marlborough Street	2272	.0561	128	11.22
Carroll Avenue, Thames Street to Bateman Avenue	4915	.0467	230	20.16
Around Grinn Plnt, Carroll Avenue near Bateman Avenue	111	.0467	5	.44
Old Fort Road, Carroll Avenue Southwest, 200 Feet	556	.0467	26	2.88
	25663		1177	\$103.18

Cost per gallon applied, \$0.08766

Average Cost per square yard, \$.004

## FIFTH CAR OF DUSTOLINE

Fourth Application, July 31, August 4, 1914

Street or Avenue	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used	Total Cost
Poplar Street, Thames Street to Third Street.....	2100	.0409	86	\$7.54
Catherine Street, Bellevue Avenue to Brinley Street.....	660	.0439	29	2.54
	2760		115	\$10.08

Cost per gallon applied, \$0.08766

Average Cost per square yard \$0.0036

## SIXTH CAR OF DUSTOLINE

First Application, September 22, 1914

Street or Avenue		Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used	Total Cost
Stone Street	.....	247	.0844	21	\$1.84
Naval Hospital Land	.....	4840	.0576	279	24.46
		5087		300	\$26.30

Cost per gallon applied, \$0.08766

Average Cost per square yard, \$0.0051

## SIXTH CAR OF DUSTOLINE

Second Application, September 21, 22, 23, 1914

Street or Avenue	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used	Total Cost
Maitland Court.....	618	.0563	35	\$3.07
Sunshine Court.....	448	.0563	25	2.19
Gladding Court.....	250	.0563	14	1.23
Sanford Street.....	356	.0844	30	2.63
Charles Street, North Baptist Street to Marlborough Street.....	880	.0844	74	6.49
North Baptist Street.....	492	.0844	42	3.68
Meeting Street.....	650	.0844	55	4.82
Coddington Street.....	680	.0844	57	5.00
Cranston Avenue.....	2560	.0595	152	13.32
Friendship Place.....	486	.0335	16	1.40
Robinson Street.....	890	.0335	30	2.63
Hope Street.....	1102	.0335	37	3.24
Bateman Avenue, Carroll Avenue to Meikle Avenue.....	1467	.0494	72	6.31
	10879		639	\$56.01

Cost per gallon applied, \$.08766

Average Cost per square yard, \$.0052



## SIXTH CAR OF DUSTOLINE

Third Application, September 21, 22, 23, 1914

Street or Avenue	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used	Total Cost
Bridge Street	2629	.0508	134	\$11.75
Third Street, Marsh Street to Cypress Street	9536	.0319	304	26.65
Van Zandt Avenue, Farewell Street to the Harbor	4333	.0319	138	12.10
Cypress Street	2396	.0319	76	6.66
Battery Street	1188	.0319	38	3.33
Cross Street	748	.0770	58	5.08
Second Street	6358	.0563	358	31.38
LaSalle Place	590	.0563	33	2.89
Chestnut Street	1129	.0563	64	5.61
Guernsey Court	490	.0563	28	2.46
Washington Street, Battery Street to Railroad Tracks	6534	.0423	276	24.19
Washington Street, Battery Street North	222	.0423	9	.79
Walnut Street	2095	.0423	89	7.80
Willow Street	1968	.0423	83	7.28
Chase Street	229	.0423	10	.88

## SIXTH CAR OF DUSTOLINE

Third Application, September 21, 22, 23, 1914

Street or Avenue	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used	Total Cost
Sherman Street.....	1377	.0630	87	\$7.63
High Street.....	818	.0630	52	4.56
School Street.....	1074	.0630	68	5.96
Mary Street, Spring Street to Touro Street.....	1138	.0630	72	6.31
Pine Street.....	1384	.0869	51	4.47
Marsh Street.....	3717	.0369	138	12.10
Elm Street.....	2416	.0369	89	7.80
West Marlborough Street.....	2123	.0595	126	11.05
Rhode Island Avenue, Broadway to Kay Street.....	3360	.0335	113	9.91
Powel Avenue.....	4470	.0335	150	13.15
Friendship Street.....	3724	.0335	125	10.96
Bradford Avenue.....	1116	.0335	37	3.24
Whitehall Street.....	760	.0335	26	2.28
Bliss Road.....	7157	.0535	383	33.57
Gibbs Avenue, Bliss Road to Kay Street.....	3251	.0535	174	15.25

## REPORT OF STREET COMMISSIONER

## SIXTH CAR OF DUSTOLINE

Third Application, September 21, 22, 23, 1914

Street or Avenue	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used	Total Cost
Monten Avenue	4225	.0494	209	\$18.32
Washington Avenue	15289	.0864	557	48.83
Old Bouch Road, Bellevue Avenue to Gibbs Avenue	7327	.0182	134	11.75
Wood Cross Avenue, Old Bouch Road South, 500 feet	2000	.0182	37	3.24
Catharine Street, Rhode Island Avenue to Gibbs Avenue	17480	.0182	319	27.96
	124601		4045	\$407.19

Cost per gallon applied, \$0.08766

Average Cost per square yard, \$0.0032

## SIXTH CAR OF DUSTOLINE

Fourth Application, September 21, 22, 23, 1914

Street or Avenue	Sq. Yds.	Average Gal. per Sq. Yd.	Gals Used	Total Cost
Thames Street, Bridge Street to Poplar Street.....	800	.0508	41	\$3.59
Farewell Street, Broadway to Van Zandt Avenue.....	7529	.0508	382	33.49
Washington Square.....	4333	.0770	334	29.28
Braman's Court.....	591	.0770	46	4.03
Touro Street, Thames Street to Spring Street.....	1556	.0770	120	10.52
Marlborough Street.....	2272	.0861	196	17.18
Branch Street.....	212	.0861	18	1.58
West Broadway.....	3981	.0861	343	30.07
Tilley Avenue.....	1572	.0595	94	8.24
Gould Street.....	1927	.0595	115	10.68
Congdon Avenue.....	1179	.0595	70	6.13
Gardner Street.....	682	.0835	23	2.02
Carroll Avenue, Thames Street to Bateman Avenue.....	4915	.0494	243	21.30
Around Grass Plat, Carroll Avenue near Bateman Avenue.....	111	.0494	5	.44
Old Fort Road, Carroll Avenue Southwest, 200 feet.....	556	.0494	28	2.46
Catherine Street, Rhode Island Avenue to Brinley Street.....	3000	.0182	55	4.82
	35216		2113	\$185.23

Cost per gallon applied, \$0.08766

Cost per sq. yd., average, \$0.0053

## REPORT OF STREET COMMISSIONER

## SIXTH CAR OF DUSTOLINE

Fifth Application, September 23, 1914

Street or Avenue	Sq. Yds.	Average Gal. per Sq. Yd.	Gals. Used	Total Cost
Catherine Street, Bellevue Avenue to Brimley Street	660	.0182	12	\$1.05
Washington Square	4333	.0643	279	24.46
Poplar Street, Thames Street to Third Street	2100	.0423	89	7.80
	7093		380	\$33.31

Cost per gallon applied, \$0.08766

Average Cost per square yard, \$0.0047

**Crushed Stone**

Being minus a quarry, this department was obliged to purchase crushed stone again this year. The lowest bidder was Mr. James J. Dugan, who furnished the stone at the price of \$1.35 per ton, delivered on the work. Mr. Dugan also furnished crushed stone, not delivered, at the rate of \$1.10 per ton.

**Statement of Crushed Stone Purchased of James J. Dugan During  
the Municipal Year 1914**

	Not Delivered.		Delivered.	
	Tons	lbs.	Tons	lbs.
<b>Repairs</b>				
Bellevue Avenue.....			3	440
Bellevue Avenue (Asphalt).....	19	170		
Bridge Street ...			15	1750
Broadway (Newport & Prov. Ry. Co.)..			10	480
Carroll Avenue.....	20	970	6	70
Coggeshall Avenue.....			46	1520
General Repairs Sidewalks.....	5	400	3	590
General Repairs Streets.....	390	930	153	1300
Harrison Avenue .....			111	440
Morton Avenue.....	10	1880	41	1770
Ocean Avenue.....	9	240	228	520
Ridge Road.....			25	70
Thames Street (Upper) .....	3	390		
Touro Street (Lower).....	2	1660		
Touro Street (Upper).....	4	1110		
Washington Square .....	29	1050		
Wellington Avenue.....			399	210
Whitfield Court.....	2	1410		
<b>Remacadamize</b>				
Brinley Street.....			189	1760
Callender Avenue.....			218	1770
Carroll Avenue.....			798	1020
Halsey Street.....			211	880
Kay Street.....			552	1280
Marlborough Street.....			289	730
Morton Avenue.....			532	1880
Mount Vernon Street.....			315	1730
North Baptist Street.....			58	1100
Ochre Point Avenue. ....			569	660
Poplar Street.....			222	920

	Not Delivered.		Delivered	
	Tons	lbs.	Tons	lbs.
<b>Remacadamize</b>				
Prospect Hill Street.....			97	680
Sanford Street .....			39	1500
Shepard Avenue.....			748	1850
Sherman Street.....			130	360
Washington Street.....			189	800
<b>Resurface</b>				
Catherine Street.....			27	770
Ledge Road.....			178	1970
<b>Macadamize</b>				
Evarts Street .....			236	1050
Peckham Avenue.....			275	1860
Sylvan Street .....			307	1470
Third Street.....			2509	1900
Vaughan Avenue.....			702	440
<b>Telford Macadam</b>				
Broadway. ....			427	470
<b>Asphalt Macadam</b>				
Bellevue Avenue.....			708	1240
Broadway.....	2	1340	3839	440
Coggeshall Avenue.....			32	1510
Cypress Street.....			252	560
<b>Top Finish</b>				
Bellevue Avenue .....	16	1240		
<b>Pavements</b>				
Broadway. ....	38	1540		
Long Wharf. ....	1	1000		
Spring Street .....	22	670		
Thames Street .....	4	880		
	584	880	15708	1760

#### Steam Road Rollers

Street work commenced on the Sixth day of April and continued until the Second day of December, when the rollers went into winter quarters.

One 15-ton Steam Road Roller of the latest pattern was purchased this year of The Buffalo Steam Roller Company for the sum of \$3450, including an old 15-ton roller in exchange.

This department is somewhat handicapped by insufficient equipment in the line of rollers for street work. The season is short and when you deduct Sundays and holidays, each roller does not average much over 200 days on the work. Also, when you take into consideration the vast amount of roadbeds which should be reconstructed or repaired, it is clearly evident that our plant should be increased by the purchase of one or more Steam Rollers.

At this time, I might also add that we should have two more asphalt heaters of 500 gallons capacity, with which we could make much more rapid progress with the work in the construction of Asphalt Macadam.

A Scarifier is much needed for preparing roadbeds for macadam, and with which the work can be done more speedily and at less expense.

#### **Permanent Pavements**

Repairs have been made to the pavements of both Broadway and Spring Street by simply filling the holes with crushed stone. This is rather a crude method of repair, but the pavements, which were laid in 1903, are now in such deplorable condition that it seems like wasting money to repair otherwise. These two roadbeds should receive a new kind of pavement.

I do not deem it wise to replace the pavements of Broadway and Spring Street with any kind of pavement that will require a concrete foundation, because at the present time, we have good crushed stone foundations, six inches deep, in both streets.

I would recommend, therefore, that the top surface of both roadbeds be removed and construct thereon an asphalt macadam roadbed, double coat work, similar to that built on outer Third Street.

I would also recommend that the asphalt macadam on Broadway be continued down Washington Square to Thames Street.

This method of construction would cost approximately one-third less than any other pavement, and I am quite sure it would resist heavy as well as light traffic.

#### **Bellevue Avenue Asphalt Macadam**

An Asphalt Macadam roadbed was laid on the lower end of Bellevue Avenue, from the Turn to Bailey's Beach, a distance of 1279 feet, containing 4254 square yards, averaging about 57½ cents per square yard.

Appropriation, \$2,500.00 ; Expenditure, \$2,448.55 ; Balance, \$51.45.

Bellevue Avenue has now received an asphalt macadam roadbed for its entire length.



The following streets were repaired with the material taken from the roadbed of Lower Bellevue Avenue, viz.:

Wheatland Avenue, Frank Street, Prospect Hill Street and Maher Court.

#### **Bellevue Avenue Top Finish**

A top-finish, or sealing coat, was laid on Bellevue Avenue, from Bowery Street to the Turn, a distance of 9,387 feet, containing 29,504 square yards, at an expense of 10½ cents per square yard.

Appropriation, \$3,650.00 ; Expenditure, \$3,092.80 ; Balance, \$557.20.

It was the intent of the department to also treat the upper part of the avenue, from Bowery Street to Kay Street, but owing to the congested traffic of this thoroughfare, it was impossible to perform the work when the other part was treated. Later, when the department had completed other work necessary, it was unseasonable weather to do the work. This part of the roadbed should be treated early next year, also the lower end of the avenue from the Turn to Bailey's Beach. However, the roadbed between Bowery Street and Kay Street is in such a deplorable condition that certain parts of it will have to be taken up and relaid before it is treated with a top dressing.

#### **Broadway Asphalt Macadam**

The construction, this year, of an asphalt macadam roadbed from the One Mile Corner to Lake's Corner, is an excellent improvement made to one of our most constant traffic streets, it being the principal thoroughfare into the city.

There is a great disadvantage in properly constructing the roadbed on Broadway because of the double set of rails, used by both railway companies. In relaying the rails to grade, it was found impossible to get the railway men to properly tamp back the dirt under the rails to insure a good foundation for the macadam, consequently, the work does not stand up so well between and eighteen inches outside of the rails.

Total length of roadbed, 1,734 feet, containing 21,423 square yards.

Both railway companies paid for the construction of the roadbed occupied by their tracks, and which amounts were deposited with the City Treasurer to the credit of the appropriation.

The total cost of the work was \$14,400.64. Appropriation plus deposits \$17,112.37. Balance, \$2,711.73.

The detail expenditures were as follows, viz:

Labor as per pay-rolls.....	\$3558 57
3,841-1780 tons Crushed Stone.....	5185 88
33,540 gallons Asphalt.....	4024 80

## REPORT OF STREET COMMISSIONER

65

416.83 cu. yds. Trap Rock.....	854 31
Fuel .....	126 75
Lumber, nails, etc.....	6 27
Kerosene.....	18 70
New Tools .. . . .	122 48
Tool Repairs.....	63 35
Roller Account.....	339 19
Stable Account.....	100 34
	\$14400 64

The following streets were repaired with material taken from the roadbed of Broadway, viz: Girard Avenue; Vicksburg Place; Thurston Avenue; Bedlow Avenue; Malbone Avenue; Kay Street Boulevard; Pearl Street; Hall Avenue; Narragansett Avenue; Cotton's Court.

### Third Street Improvement

The improvement of this thoroughfare from Cypress Street to Training Station Road was one of, if not the largest and most complicated job ever undertaken by this department. The completion of the same was a success both in construction and financially.

The U. S. Government conveyed to the City of Newport, subject to certain conditions, a strip of land, 19 feet wide and 1,130.4 feet in length, on the East side of the Naval Hospital Lands.

The City purchased of Ellen B. Huntington, upon recommendation of your sub-committee on Highways, a strip of land, 19 feet in width and 1,064.5 feet in length, on the East side of her estate, for the sum of \$5,000.00. This completed the widening of the street as only these two estates bordered the west side. Later, Mrs. Huntington gave free gratis to the City, a piece of land at the corner of Training Station Road and Third Street to make the turn at this point safe for public travel.

The Newport and Providence Railway Company paid for part cost of construction of roadbed, 18 inches outside of west rail, and cost of laying granite gutter, 18 inches outside of east rail, from Cypress Street—north, for a distance of about 176 feet, which amount was deposited with the City Treasurer to the credit of the appropriation.

I have divided the improvement of this street into several subdivisions and give you a brief sketch of each, viz:

#### Grading

The grading of the roadbed was quite a problem to solve, as some parts of the road had to be filled up from a depth of 22 inches, and many loads of rubble stone and dirt were used.

**Granite Curb**

A granite curb and gutter was laid on the west side for its entire length. The material in excavating was used to grade up the roadbed. In accordance with a resolution passed by your Honorable Body, a granite curb was laid on the east side from Cypress Street north, for a distance of 176 feet.

**Driveways**

On the west side, four driveways were built to accommodate the Naval Hospital, the U. S. Government constructing granolithic turns at their own expense.

**Tree Removal**

Several trees were cut down and removed from that part of the land, thrown out by the U. S. Government for widening the street.

**Asphalt Macadam**

The roadbed was constructed for a depth of 14 to 18 inches, and built of Asphalt Macadam. It is constructed with a double coat of Asphalt and Crushed Stone, and I consider it to be the best built roadbed in the City. However, the surface should be treated with a top finish next year to insure its life, and after such treatment the roadbed should last for many years without needing any repairs. Average cost per square yard, \$1.16.

**Granolithic Sidewalks**

A Granolithic Sidewalk about 7 feet 6 inches wide was laid on the west side of the street for its entire length. The excavating and filling was done by the employees of this department, and the Granolithic laid under contract with Mr. Hector M. Henery. This walk makes an excellent boulevard, which is greatly enjoyed by the public and the officers and seamen of the Training Station.

**Sidewalk, East Side**

Upon request, a few loads of gravel were placed on the east sidewalk, in front of some cottages, to make the walk passable.

**Railway Tracks**

The Newport and Providence Street Railway Company were obliged to raise their rails about 14 inches to meet the grade of the roadbed.

This Company reimbursed the department for laying the Asphalt Macadam, eighteen inches outside the west rail, also for building the Granite Block Gutter, eighteen inches outside of the east rail. These amounts were deposited with the City Treasurer to the credit of the improvement.

**Conclusion**

In conclusion, will say that the City has an excellent improved highway, and at a much lower expense than was anticipated.

Appropriation including deposit, \$30,284.50; Expenditure, \$23,069.47; Balance, \$7,215.03.

The expenditure of each sub-division is as follows, viz:

Proving and Certifying Bonds.....	\$110 00
Land Damages, Ellen B. Huntington.....	5000 00
Grading Roadbed.....	1388 67
Granite Curb and Cutter.....	5031 69
Tree Removal.....	363 14
Asphalt Macadam Roadbed.....	7970 53
Granolithic Sidewalk .....	2917 32
Driveways .....	276 55
Sidewalk, East side, (Gravel).....	11 57
Total Cost.....	\$23069 47

**Third Street Sewage System**

To make the improvement of Third Street practical, the U. S. Government agreed to allow the City of Newport to make sewer connection with their sewage system, located through the land of the U. S. Hospital Reservation, to, and into the harbor, providing the City of Newport would reimburse the U. S. Government for the expense of increasing the sizes of drains from 8 inch to 12 inch vitrified pipe, and replacing sewer outlet in harbor with a 16 inch heavy cast iron pipe, to be laid for a distance of 320 feet into the waters of Narragansett Bay, to a depth of 14 feet of water.

The proposition was accepted and carried out as agreed; the City re-imbursed the U. S. Government to the amount of \$3,330.49, made in two payments of \$2,743.42 and \$587.07. Sewers were laid in Third Street both ways, north and south, from a point at the junction of the U. S. Hospital and Huntington lands, where connection was made with the Sewage System of the U. S. Government. All of the property in this vicinity can now be properly drained.

Appropriation less transfers, \$6,500.00; . Expenditure, \$5,576.82; Balance, \$1,923.18.

**Second Ward Sewage System**

This system has been in operation for three years, and up to the present time it has given entire satisfaction. Sixty-three sewer connections have been made to this system to date.

On October 13th, Messrs. Scannevin & Potter made a thorough inspection of the electric pumps, etc., and they reported that the

apparatus was in an excellent condition. During the year, the electric power has cost \$809.25, with an increase of \$188.99 more than last year. Chief Foreman Burdick visits the plant daily to inspect the pumps, etc.

Appropriation, \$1000.00 ; Expenditure, \$842.51 ; Balance, \$157.49.

#### **Casey Court Sewage System**

Again this year, the department was unable to install this Sewage System because proper releases and property rights have not been conveyed to the City.

#### **Farewell Street Sewer**

A sewer was laid in Farewell Street, from Van Zandt Avenue—north, continuing down a court off of Farewell Street, a total length of 346 feet. This sewer was a very deep cut, being about 16 feet deep at Van Zandt Avenue. The sewer was laid at a cost of \$651.67.

#### **Bowser Court Sewer**

A sewer was laid in Bowser Court, off of Kingston Avenue, at an expense of \$82.37.

#### **Marin Street Sewer**

A sewer was laid in Marin Street at an expense of \$364.41.

#### **Halidon-Harrison Avenue Sewer**

A 10 inch sewer was laid in Halidon Avenue and extended in Harrison Avenue, from Halidon Avenue—west, to a point as far as the finances would allow. In constructing this sewer, especially in Harrison Avenue, very hard rock was encountered to a depth of 7 feet. Blasting had to be resorted to, but even then with very little headway. This kind of work uses up the money very rapidly.

Appropriation, \$1,650.00; Expenditure, \$1,357.14; Balance, \$292.86.

#### **King Street Sewer**

An 8 inch sewer was laid in this street by connecting with the Bowery Street Sewer at a point about 773 feet from King Street. Rock was also encountered in the laying of this sewer, and some blasting had to be done. To finish the work, I was obliged to take a small amount from the appropriation for Emergency Sewers.

Appropriation, \$112,000, plus amount from Emergency Sewers Account, \$19,233, making the total cost of the sewer, \$1,219.23.

#### **South Mayd Street Sewer**

The sewer was extended in this street for a distance of 94 feet, at an expense of \$144.07.

Appropriation, \$200.00; Balance, \$58.94.

#### **Gibbs Avenue Sewer**

A sewer was laid in Gibbs Avenue, from Water Works Road—south, for a distance of 82 feet, at an expense of \$96.10.

Appropriation, \$100.00; Balance, \$3.90.

#### **Vaughan Avenue**

This avenue was turnpiked, macadamized, and sidewalks graded, at an expense of \$1,394.94.

Appropriation, \$1,875.00; Balance, \$480.06.

#### **Evarts Street**

Evarts Street, from Hall Avenue to Halsey Street, was macadamized at an expense of \$509.84.

Appropriation, \$1,334.00; Balance, \$824.16.

#### **Sylvan Street**

The roadbed of this street was turnpiked and macadamized at an expense of \$658.25.

Appropriation, \$1,473.00; Balance, \$814.75.

#### **Van Zandt Avenue**

A granite curb and gutter was laid on the north side of Van Zandt Avenue, from Second Street to the Water Front, at an expense of \$681.71.

Appropriation, \$1,000.00; Balance, \$318.29

#### **Marchant Street**

A granite curb and gutter was laid on the east side of Marchant Street, from Harrison Avenue to Eastnor Road, at an expense of \$524.05.

Appropriation, \$525.00; Balance, 95 cents.

#### **Peckham Avenue**

This new street was turnpiked, macadamized, sidewalks graded, and a crossing laid at Broadway. By using the top material from the Broadway roadbed, this department was able to perform the work at a much lower cost than was anticipated. A top dressing of crushed stone was rolled into the roadbed, and Peckham Avenue now possesses one of the best built streets in the City.

Appropriation, \$2,175.00; Expenditure, \$1,355.07; Balance, \$819.93.

## REPORT OF STREET COMMISSIONER

**Freebody, East Bowery and Bellevue Avenue**

A granite curb and gutter was laid around the old Ocean House Site, which greatly improves this locality, not only to the eye, but is much safer for public travel. Total cost of this was \$2,296.04.

Appropriation, \$2,844.00; Balance, \$547.96.

Five hundred dollars of this balance was transferred to an appropriation for laying Granolithic Sidewalks in State Street and John Street, leaving a net balance of \$47.96.

**Whitfield Court**

A granite curb and gutter was laid on the east side of Whitfield Court at an expense of \$650.20. Appropriation, \$800.00; Balance, \$149.80.

**Granolithic Sidewalks**

Granolithic sidewalks were laid in the several wards in accordance with the list prepared by your committee. Later, when it was found that there were certain balances available, additional sidewalks were authorized by your Honorable Body.

All excavating and filling was performed by employees of this department, and the granolithic was laid under contract with Mr. Hector M. Henery, the original list of sidewalks at 97 cents persquare yard, and the additional sidewalks at \$1.04 per square yard. We laid this year 2.96 miles of sidewalks; this includes, of course, the Third Street sidewalk, which is nearly one-half mile in length.

The following table will give you full details, viz.:

**Granolithic Sidewalks**

FIRST WARD			
Street or Avenue	Length feet	Sq. Yds.	Cost
Chestnut Street, North side.....	527.8	346.8	\$681.27
Third Street, East side, Maitland Court to Van Zandt Avenue, West side, Van Zandt Avenue to Cypress Street.....	536.9	439.7	694.59
Van Zandt Avenue, North side, Second Street to water front .....	356.3	261.2	412.11
Van Zandt Avenue, North side, Second Street to Third Street.....	201.5	161.5	282.79
Washington Street, West side, Chest- nut Street north.....	652.1	479.0	783.72
	2274.6	1688.2	\$2854.48
Appropriation, \$3000.00; Expenditure, \$2854.48; Balance, \$145.52.			
Average cost per square yard, \$1.69.			

## SECOND WARD

Street or Avenue	Length feet	Sq. Yds.	Cost
Broadway, East side, Mann Avenue to Everett Street.....	527.2	471.0	\$1088.48
Cranston Avenue, North side, Broad- way to Kay Street.....	1047.1	759.3	1349.47
Summer Street, South side, Broadway to Malbone Avenue (4 ft. wide)...	551.0	245.0	561.33
	2125.3	1475.3	\$2999.28

Appropriation, \$3000.00 ; Expenditure, \$2999.28 ; Balance, 72 cents.

Average cost per square yard, \$2.03.

## THIRD WARD

Street or Avenue	Length feet	Sq. Yds.	Cost
Ayrault Street, East side, Francis Street to Everett Court.....	300.6	204.0	\$411.98
Barney Street, North side, Spring Street to Mount Vernon Street..	702.8	296.0	590.48
Bull Street, South side, Seabury Estate to Spring Street.....	194.2	154.7	189.96
Corné Street, East side, Mill Street south .....	116.4	56.5	100.05
Farewell Street, East side, Marlborough Street to Broadway. ....	206.9	124.8	220.03
Green Street, North and South sides, where needed. ....	640.2	219.8	377.51
Pelham Street, South side, Bellevue Avenue to Channing Church.....	333.1	225.6	437.31
Prospect Hill Street, North side, Thames to Spring Street.....	520.2	251.5	362.15
	3014.4	1532.9	\$2689.47

Appropriation, \$3000.00 ; Expenditure, \$2689.47 ; Balance, \$310.53.

Average cost per square yard, \$1.76.

## FOURTH WARD

Street or Avenue	Length feet	Sq. Yds.	Cost
Annandale Road, West Side, Bath Road to Merton Road, East side, Mer- ton Road to Dresser Street, (4 ft. wide).....	711.0	367.0	\$749.15



## REPORT OF STREET COMMISSIONER

Bellevue Avenue, East side, East Bow- ery Street to Brewster Court....	265.0	277.5	\$483.74
Golden Hill Street, North side .....	561.0	328.7	637.71
Levin Street, North side, Spring Street east.....	1105.8	523.3	1023.47
	2642.8	1496.5	\$2894.07
Appropriation, \$3000.00 ; Expenditure, \$2894.07 ; Balance, \$155.93.			
Average cost per square yard, \$1.93.			

## FIFTH WARD

Street or Avenue	Length feet	Sq. Yds.	Cost
Bachelor Street, North side, Byrnes Street, east.....	73.2	48.0	\$95.89
Holland Street, North side.....	605.1	323.4	554.31
Morton Avenue, North side, (4 ft. wide)	911.5	405.1	947.42
West Narragansett Avenue, South side, Thames to Marchant Street, (full width). South side, Marchant Street to Roseneath Avenue, (4 ft. wide).....	1199.4	636.2	1208.29
	2789.2	1412.7	\$2805.91
Appropriation, \$3000.00 ; Expenditure, \$2805.91 ; Balance, \$194.09.			
Average cost per square yard, \$1.98.			

## Summary Granolithic Sidewalks

	Appropriation	Expenditure	Balance
First Ward .....	\$3000.00	\$2854.48	\$145.52
Second Ward.....	3000.00	2999.28	.72
Third Ward .....	3000.00	2689.47	310.53
Fourth Ward.....	3000.00	2894.07	105.93
Fifth Ward.....	3000.00	2805.91	194.09
	\$15000.00	\$14243.21	\$756.79
Average cost per square yard, \$1.87.			

## John and State Streets Granolithic Sidewalks

	Length feet	Sq. Yds.	Cost
John Street, Olden Estate .....	95.0	51.2	\$73.49
State Street, West side, Old Beach Road South .....	328.9	191.1	418.49
	423.9	242.3	\$491.98

Appropriation, Transferred from Bellevue, East Bowery and Freebody Street Curb, \$500.00 ; Expenditure, \$491.98 ; Balance, \$8.14.

Average cost per square yard, \$2.03.

#### **Broadway Granolithic Sidewalks**

	Length feet	Sq. Yds.	Cost
Broadway, East side, Spring Street to Stone Street.....	237.3	326.3	\$390.49
Special Appropriation, \$500.00 ; Expenditure, \$390.49 ; Balance, \$109.51.			

Average cost per square yard, \$1.20.

#### **Bridge Repairs**

Repairs were made to Van Zandt Avenue and Girard Avenue bridges. I would recommend that the Van Zandt Avenue bridge receive a thorough inspection by some expert, as I consider this bridge to be getting dangerous. Appropriation, \$500.00; Expenditure, \$36.68. Balance, \$463.32.

#### **Bathing Beaches**

##### **EASTON'S BEACH**

A man is kept at work in this locality during the summer months to clean the roadbed, mow grass plats, etc. The iron fence was also scraped and painted.

##### **Battery Park**

The Bath Houses at this beach were repaired under contract with Messrs. Thomas Moon & Son, for the sum of One hundred dollars. Appropriation for Bathing Beaches, \$500.00 ; Expenditure, \$460.01. Balance, \$39.99.

##### **Easton's Beach Granolithic Sidewalk**

An extra appropriation was made to build a granolithic sidewalk to replace the asphalt block sidewalk, which was badly damaged by the heavy surf, during a very severe storm. Employees of this department removed the blocks, etc., and the granolithic was laid under contract with Mr. Alexander J. Fludder, at \$1.24 per square yard. Appropriation, \$600.00 plus receipts for sale of asphalt blocks, \$28.30, making a total of \$628.30 ; Expenditure, \$553.27. Balance, \$75.03.

##### **Forty Steps**

The iron work at the Forty Steps was scraped and painted at an expense of \$21.50. Appropriation, \$50.00. Balance, \$28.50.

## REPORT OF STREET COMMISSIONER

**City Piers****ANN STREET PIER**

A few repairs were made to this pier at an expense of \$5.29.

**VAN ZANDT AVENUE PIER**

This pier was widened and repaired this year under contract with Mr. J. K. Sullivan, for the sum of \$845.00. Other repairs by the department amounted to \$3.59. Total, \$848.59.

**ELM STREET PIER**

Repairs were made at this pier at an expense of \$202.40. Appropriation for City Piers, \$1,500.00; Expenditure, \$1,056.28. Balance, \$443.72.

**Briggs Wharf Wall**

The east end of the South wall was relaid and repaired under contract with Mr. J. K. Sullivan, the lowest bidder, for the sum of \$3,940.00.

**Sea Walls****OCEAN AVENUE**

The Sea Wall on Ocean Avenue at a point opposite the estate of Mr. T. M. Davis, and also part of the Sea Wall near Graves Point was rebuilt and repaired under contract with Mr. Thomas Maguire, for the sum of \$468.00. The Sea Wall, opposite the estate of Mr. J. K. Sullivan on Ocean Avenue, has been damaged by the surf, during a heavy storm; about 125 feet of the wall is destroyed, and I would recommend that the wall be ripped, when it is rebuilt. The work should be done with as little delay as possible.

**EASTON'S BEACH**

The Sea Wall at Easton's Beach, which was badly damaged in a heavy storm, was rebuilt and the iron fence repaired under contract with Mr. Thomas Maguire, for the sum of \$489.00.

**Trap Rock**

Two barges of 24-inch Trap Rock, containing 1,434 cu. yds., were purchased this year from the Haverstraw Crushed Stone Company, of New York, N. Y., at \$1.75 per cu. yd. The stone was discharged under contract with Mr. J. K. Sullivan.

This Trap Rock is the ideal material for top dressing the Asphalt Macadam and macadam, it being of such a flinty nature.

**City Fountains**

Employees of the department occasionally cleaned the animal drinking fountains, also disinfecting the water by placing stick sulphur

in the bowls. A new bubble fountain was placed at Easton's Beach.

The following fountains were repaired, viz:

Broadway.....	\$7.55
Easton's Beach.....	26.85
Touro Park West.....	3.05
Washington Square.....	12.00
West Broadway.....	9.10
Cleaning].....	30.70

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\$89.25

Appropriation, \$150.00; Expenditure, \$89.25. Balance, \$60.75.

#### Tree Removal

As the State of Rhode Island did not send the apparatus to Newport, this year, our trees were not sprayed.

The following trees were trimmed and removed at an expense of \$328.60. Appropriation, \$600.00. Balance, \$271.40.

##### Trees Removed :

Berkeley Avenue  
Braman's Court  
Cottage Street  
Friendship Street  
Park Street  
Roseneath Avenue  
Russell Ave. & Peckham Ave.  
Sycamore Street (Stump)  
Warner Street  
Summer Street

##### Trees Trimmed :

Ayrault Street  
Berkeley Avenue  
Broadway  
Farewell Street  
Friendship Street  
Mann Avenue

#### City Wharf

A wharfinger is employed at City Wharf, who also does all the weighing and some office work. Other items also come under this head.

Appropriation, \$900; Expenditure, \$885.96; Balance, \$14.04.

#### City Floats

The floats, located at Long Wharf, were repaired and painted this year at an expense of \$44; Appropriation, \$100; Balance, \$56.

#### City Brows

The City Brows, located at Willow and Elm Streets, were repaired at an expense of \$42.81; Appropriation, \$100; Balance, \$57.19.

**Railroad Crossings**

Lumber was furnished to the N. Y., N. H. & H. R. R Co. for making repairs to the railway crossings at Poplar Street and Elm Street. Appropriation, \$50; Expenditure, \$45.63; Balance, \$4.37.

**Recommendations of Street Commissioner**

Replace old buildings at City Wharf with a substantial brick building.

Purchase of Two Steel Carts for Cleaning Catch Basins, replace worn-out carts.

One Double and Two Single Watering Carts to replace worn-out carts.

Additional Steam Roller.

Two additional Asphalt Heaters of 500 gallon capacity.

A Scarifier for preparing roads for repair or new work.

That Broadway, Spring Street and Washington Square receive an Asphalt Macadam Roadbed, similar to that laid on outer Third Street.

That all the Asphalt Macadam Roadbeds receive a Top Finish of Asphalt and Trap Rock next season, to insure life of same.

That an expert examine Van Zandt Avenue Bridge.

**Sewer Permits**

During the year, 151 permits to connect with sewers were issued, making a total to date of 4,106 since the system was adopted in 1884.

The number and description of fixtures connected were as follows, viz:—

	Previously reported	1914	Total
Water Closets .....	4106	212	4318
Laundry Tubs .....	2290	276	2566
Sinks .....	4795	179	4974
Bath Tubs .....	2033	157	2190
Cellar Drains .....	1802	116	1918
Bowls .....	821	160	981
Land Drains .....	120	2	122
Roofs .....	1007	115	1122
Flammable Lits .....	5		5
Stair Fixtures .....	64	3	67
Sewer Drain .....		1	1
Families Accommodated .....	4785	167	4952
Persons Accommodated .....	7142	601	7743

**New Sewers****Special Sewers:**

Bowser Court, off of Kingston Ave...	67 ft. of 8 in. Vit. pipe
Farewell Street, Van Zandt Ave. north	346 ft. of 8 in. Vit. pipe
Gibbs Avenue, Water Works Rd. south	82 ft. of 8 in. Vit. pipe
Halidon-Harrison Avenue.....	800 ft. of 10 in. Vit. pipe
King Street, Bowery Street north....	773 ft. of 8 in. Vit. pipe
Marin Street.....	247 ft. of 8 in. Vit. pipe
Third Street, Cypress Street north...	2049 ft. of 8 in. Vit. pipe
South Mayd Street, extend.....	94 ft. of 8 in. Vit. pipe

**Emergency Sewers:**

Bliss Road, extend.....	8 ft. of 8 in. Vit. pipe
Broadway, Vernon Avenue north....	674½ ft. of 8 in. Vit. pipe
Bush Street, extend.....	22 ft. of 8 in. Vit. pipe
Coggeshall Avenue, extend.....	60 ft. of 8 in. Vit. pipe
Cummings Road, extend.....	263 ft. of 8 in. Vit. pipe
Dartmouth Street, extend.....	18 ft. of 8 in. Vit. pipe
Eastnor Road, extend.....	64 ft. of 8 in. Vit. pipe
Farewell Street, Warner Street north	70 ft. of 8 in. Vit. pipe
Lee's Wharf, extend.....	50 ft. of 18 in. Vit. pipe
Prescott Hall Road, extend.....	94 ft. of 8 in. Vit. pipe
Water Works Road (Culvert).....	100 ft. of 18 in. Vit. pipe

**Catch Basins Built**

East Bowery Street at Freebody Street....	1
Peckham Avenue at Russell Avenue.....	1
Cypress Street at Third Street.....	1
Third Street opposite Dyre Street.....	1
	<hr/> 4

**Eyeholes Built**

East Bowery Street at Freebody Street.....	1
Cypress Street at Third Street, north side.....	1
Peckham Avenue at Russell Avenue, south side .....	1
Pine Street at Washington Street, south side .....	1
Russell Avenue at Peckham Avenue, east side.....	1
Russell Avenue at Peckham Avenue, west side.....	1
Third Street at Cypress Street, west side.....	1
Third Street opposite Dyre Street, west side.....	1
Washington Street at Pine Street, east side.....	1
Washington Street at Pine Street, west side.....	1
	<hr/> 10

**Sewers Repaired**

Briggs Wharf  
Catherine Street  
Coggeshall Avenue  
East Bowery Street  
Lee's Wharf  
Potter Street  
Ruggles Avenue (outlet)  
Sherman Street  
Touro Street  
Wellington Avenue (outlet)  
Young Street

**Culverts Repaired**

Carroll Avenue at Harrison Avenue  
Halidon Avenue  
Hunter Avenue at Champlin Street  
Ocean Avenue at Carroll Avenue  
Water Works Road

**Manholes Repaired**

Broadway  
Bridge Street at Second Street  
Harrison Avenue at Carroll Avenue  
Mount Vernon Street

**Catch Basins Repaired**

Bellevue Avenue  
Edgar Court  
Hall Avenue at Channing Street  
Levin Street at Spring Street  
Marchant Street  
Prospect Hill Street at Spring Street  
Roseneath Avenue  
Warner Street at Gould Street

**Eyeholes Repaired**

Annandale Road  
Annandale Road at Merton Road  
Bellevue Avenue  
Everett Street at Kay Street  
Harrison Avenue

**Howard Street at Spring Street**  
**Levin Street at Spring Street**  
**Lucas Avenue**  
**Marchant Street**  
**Roseneath Avenue**  
**Shepard Avenue**  
**Tew's Court**





## PERMITS FOR STREET AND SIDEWALK OPENINGS, ETC.

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Totals
Temporary Fence to Protect Hedge.....									1				1
Trimming Trees.....										1			1
Remove and Replant Tree.....												1	1
Removing Dead Trees.....			1										1
Planting Shade Trees.....				2	2	2		1	1				4
Laying Driveways.....		1					2						7
Repairing Driveways.....								2					2
Installing Gutter Bridge.....					1								3
Installing Fire Alarm Test Box.....								1					1
Removing Gasoline Tank.....									1				1
Relay Granite Pavements at Tracks.....										2			2
Building Sea Wall.....										1			1
	24	10	8	24	30	29	25	45	28	29	15	11	278

## STREETS MACADAMIZED (NEW WORK)

Street or Avenue	Tons Cr Stone	Days Steam Roller	Average Depth Work	Length Feet	Sq. Yds.	Cost per Sq. Yd.	Cost Macadam	Cost Turnpike	Total Cost
Evarts Street, Hall Avenue to Hal sey Street	237	11	5 in.	430	1148	.448	\$500.34	\$ 9.50	\$509.84
Peckham Avenue	270	17 4	4 in.	720	2097	.378	793.51	464.16	1257.67
Sylvan Street	308	10	6 in.	624	1595	.360	575.00	83.25	658.25
Vaughan Avenue	702	18	7 in.	840	2240	.588	1199.77	163.00	1362.77
	1623	56 4		2620	7078		\$3068.62	\$719.91	\$3788.53

## STREETS RE-MACADAMIZED

Street or Avenue	Tons Crushed Stone	Days Steam Roller	Avg. Depth Work	Length Feet	Sq. Yds.	Cost per Sq. Yd.	Total Cost
Brinley Street.....	190	11	4 in.	743	1238	.320	\$386.17
Callender Avenue.....	219	11	6 in.	916	1221	.338	412.77
Carroll Avenue, Thames Street to Harrison Avenue.....	799	23	8 in.	983	4915	.294	1445.53
Halsey Street.....	211	7-4	4 in.	669	1561	.257	401.48
Kay Street, Touro Street to Everett Street.....	553	25	3 in.	1950	4655	.225	1047.82
Marlborough Street.....	289	15	3 in.	806	1970	.298	587.54
Mount Vernon Street, Mann Avenue— South.....	315	16	5 in.	833	1633	.377	615.90
Morton Avenue.....	533	15	6 in.	993	3862	.240	927.69
North Baptist Street.....	59	3	4 in.	290	451	.263	119.64
Ochre Point Avenue, LeRoy Avenue to Ruggles Avenue.....	569	22	5 in.	1650	5316	.201	1067.97
Poplar Street, Thames Street to Third Street.....	222	9	5 in.	842	1497	.285	426.79
Prospect Hill Street, Thames to Spring Street.....	97	4	4 in.	450	500	.422	211.10
Sanford Street.....	40	2	4 in.	178	198	.410	81.29
Sherman Street, Mount Vernon to Spring Street.....	130	6-4	4 in.	647	827	.365	302.26
Shepard Avenue, Ochre Point to Bellevue Avenue.....	749	26-4	5 in.	2040	4893	.326	1598.00
Washington Street, Bridge Street— South.....	189	9	4 in.	432	1008	.375	378.03
	5164	205-4		14422	35745		\$10014.98

# STREETS RE-SURFACED AND ROLLED

Street or Avenue	Tons Crushed Stone	Days Steam Roller	Length Feet	Sq. Yds.	Cost per Sq. Yd.	Total Cost
Catherine Street, Bellevue Avenue to Brinley Street.....	27	3	385	556	.135	\$ 74.78
Ledge Road, Bellevue Avenue South.....	179	12	1182	8283	.122	400.12
	206	15	1567	3339	.124	\$474.90

## ASPHALT MACADAM

Street or Avenue	Asphalt Gals.	Tons Cr Stone	Cu. Yds. Trap Rock	Days Steam Roller	Av. Depth Work	Length Feet	Sq. Yds.	Cost per Sq. Yd.	Total Cost
Bellevue Ave., Turn to Bailey's Beach.....	4836	709	67	20	4 in.	1279	4254	.575	\$2448.55
Broadway, One Mile Cor- ner to Lake's Corner...	33540	3842	417	98-4	4 in.	4734	21423	.672	14400.64
Cypress Street, Third Street, west.....	1508	252	23	8-4	6 in.	398	1194	.677	797.05
Third Street, Cypress St. to Training Station									
Road, Double Coat Work.....	16432	2686	97	82-4	12 in.	2280	6865	1.161	7970.53
	56316	7489	604	209-4		8691	38796		\$25616.77

## ASPHALT TOP FINISH

Bellevue Avenue, Bowery Street to Turn.....	9984	17	400	12		9387	29504	.105	\$3092.80
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## New Crossings

Bay Side Avenue at Van Zandt Avenue .....	25 ft. x 5 ft. 6 in.
Pine Street at Washington Street, west side.....	22 ft. x 8 ft.
Third Street at Walnut Street, south side.....	20 ft. x 8 ft.

## Crossings Relaid and Repaired

Arnold Avenue.....	40 ft. x 6 ft.
Ayrault Street.....	15 ft. x 6 ft.
Ayrault Street.....	22 ft. x 6 ft.
Barney Street.....	6 ft. x 3 ft. 4 in.
Rartlett Court at Broadway..	32 ft. x 8 ft.
Bridge Street at Third Street. ....	22 ft. x 5 ft.
Brinley Street at Catherine Street.....	60 ft. x 10 ft.
Ray View Avenue at Broadway.....	50 ft. x 6 ft.
Byrnes Street at Bacheller Street.....	65 ft. x 2 ft.
Calvert Street at Broadway.....	62 ft. x 6 ft.
Catherine Street at Brinley Street.....	60 ft. x 6 ft.
Clinton Avenue at Broadway.....	42 ft. x 6 ft.
Corne Street at Pelham Street, north side.....	16 ft. x 8 ft.
Corne Street at Pelham Street, south side.....	30 ft. x 7 ft.
Corne Street at Butler Estate .....	16 ft. x 6 ft.
Cottage Street at Old Beach Road .....	27 ft. x 7 ft.
Cottage Street at Catherine Street.....	60 ft. x 6 ft.
Cranston Avenue at Broadway .....	50 ft. x 7 ft.
Cranston Avenue at Tyler Street. ....	20 ft. x 6 ft.
Catherine Street at Elizabeth Street .....	20 ft. x 6 ft.
Duke Street at Washington Square.....	36 ft. x 7 ft.
Everett Street at Kay Street, east side .....	42 ft. x 10 ft.
Everett Street at Kay Street, west side .....	31 ft. x 6 ft.
Fin Street at Third Street, east side .....	21 ft. x 6 ft.
Fin Street at Third Street, west side .....	23 ft. x 6 ft.
Frank Street at Codrington School .....	50 ft. x 4 ft.
Long Wharf at Rouseware Place .....	87 ft. x 4 ft.
Newport Avenue at Broadway .....	42 ft. x 6 ft.
Old Beach Road at Chape Street .....	16 ft. x 5 ft. 6 in.
Park Street at Broadway .....	40 ft. x 6 ft.
Peckham Avenue at Broadway .....	28 ft. x 5 ft. 6 in.
Pelham Street at Spring Street, east side .....	27 ft. x 9 ft. 8 in.
Pelham Street at Third Street, east side .....	22 ft. x 6 ft.
Pelham Street at Third Street, west side .....	22 ft. x 6 ft.
North Street at Third Street .....	14 ft. x 5 ft.
North Street at Broadway .....	20 ft. x 5 ft.
North Street at Spring Street, north side .....	18 ft. x 5 ft.
North Street at Spring Street, south side .....	24 ft. x 3 ft.

Third Street at Elm Street.....	19 ft. x 5 ft.
Touro Park West at Pelham Street.....	24 ft. x 8 ft. 10 in.
Washington Street at Willow Street.....	23 ft. x 7 ft.
Whitfield Court at Touro Street.....	31 ft. x 11 ft.
Willow Street at Washington Street.....	22 ft. x 5 ft.

**New Driveways Paved****Granite Blocks:**

Broadway at Peckham Avenue.....	26 ft. x 3 ft. 6 in.
Kay Street at Kay Terrace.....	23 ft. x 2 ft.
Marin Street at Kay Street.....	20 ft. x 7 ft.
Third Street at U. S. Naval Hospital.....	39 ft. x 2 ft.
Third Street at "Hayes".....	15 ft. x 2 ft. 6 in.

**Driveways Re-laid**

Bull Street at City Hall & Dr. Darrah's.....	39 ft. x 6 ft.
Mill Street at No. 1 Fire Station.....	24 ft. x 12 ft.

**Driveways Closed with Curb**

Bay View Avenue at Taggart Estate.....	29 ft.
Bay View Avenue at Taggart Estate.....	
Bellevue Avenue at Glynn's.....	30 ft.

**New Granite Gutters**

Bachelor Street.....	71 ft. x 2 ft.
Bellevue Avenue.....	280 ft. x 2 ft.
East Bowery Street.....	539 ft. x 2 ft.
Freebody Street.....	310 ft. x 2 ft.
Marchant Street.....	246 ft. x 2 ft.
Russell Avenue at Peckham Avenue.....	24 ft. x 2 ft.
Third Street, East Side.....	189 ft. x 2 ft. 4 in.
Third Street, West Side.....	2137 ft. x 2 ft.
Van Zandt Avenue.....	380 ft. x 2 ft.
Whitfield Court.....	343 ft. x 1 ft. 6 in.

**New Double Gutters**

Barney Street.....	6 ft. x 2 ft. 9 in.
Kay Terrace.....	24 ft. x 2 ft.
Van Zandt Avenue at Bay Side Avenue.....	30 ft. x 2 ft.

**Gutters Re-Paved****Cobble :**

Bay View Avenue at Taggart Estate.....	29 ft. x 2 ft.
Bellevue Avenue at Glynn's.....	30 ft. x 2 ft.
Elm Street at Third Street, East Side.....	39 ft. x 2 ft.



**Cobble:**

Elm Street at Third Street, West Side.....	32 ft. x 2 ft.
Poplar Street at Third Street, East Side.....	27 ft. x 2 ft.
Poplar Street at Third Street, West Side.....	26 ft. x 2 ft.
Washington Street at Willow St., East Side.....	28 ft. x 2 ft.

**Double Gutters Re-Paved****Cobble :**

Bull Street at City Hall.....	43 ft. x 2 ft.
Byrnes Street at Bacheller Street.....	65 ft. x 2 ft.
Corne Street at Pelham Street, North Side.....	33 ft. x 2 ft.
Corne Street at Pelham Street, South Side.....	35 ft. x 2 ft.
Elm Street at Third Street, East Side.....	27 ft. x 2 ft. 6 in.
Elm Street at Third Street, West Side.....	25 ft. x 2 ft.
Everett Street at Kay Street, East Side.....	28 ft. x 2 ft.
Marin Street at Kay Street.....	21 ft. x 1 ft. 6 in.
Poplar Street at Third Street, East Side.....	25 ft. x 2 ft.
Poplar Street at Third Street, West Side.....	24 ft. x 2 ft. 6 in.
Willow Street at Washington St., East Side	27 ft. x 2 ft. 10 in.

**New Granite Curb**

Bacheller Street, North Side.....	79 ft. 6 in.
Bellevue Avenue, East Bowery North, East Side.....	278 ft.
East Bowery Street, Bellevue Avenue to Freebody Street, North Side.....	539 ft. 6 in.
Freebody Street, West Side.....	308 ft.
Marchant Street, Harrison Avenue to Eastnor Road..	246 ft.
Russell Avenue at Peckham Avenue.....	18 ft.
Third Street at Hayes, East Side.....	175 ft.
Third Street, Cypress to Training Station Road .....	2098 ft.
Van Zandt Avenue, Second Street, West, North Side..	357 ft.
Whitfield Court... ..	334 ft.
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	4433 ft.

**Curbs Reset****Granite:**

Chestnut Street.....	265 ft.
Golden Hill Street .....	100 ft.
Long Wharf, north side .....	41 ft.
Third St., Cypress St. to Van Zandt Ave., west side	340 ft.
Third St., Van Zandt Ave. to Maitland Ct., east side	160 ft.
West Narragansett Avenue.....	560 ft.
	<hr/>
	1466 ft.

**Bluestone:**

Ayrault Street, east side.....	85 ft.
Ayrault St., Francis St., south, east side.....	350 ft.
Barney Street, north side.....	520 ft.
Broadway, Whitehall St. to Calvert St., west side.	1250 ft.
Broadway, Arnold Ave. to Gould Street, east side.	1920 ft.
Church Street, north side.....	127 ft.
Cranston Avenue, north side.....	760-ft.
Corne Street.....	110 ft.
Farewell Street, at River Lane.....	30 ft.
Green Street.....	600 ft.
Holland Street.....	606 ft.
Kay Street, Everett St. to Ayrault St., east side..	261 ft.
Levin Street, north side.....	1132 ft.
Old Beach Road, south side....	96 ft.
Prospect Hill St., Spring St. to Thames St.....	440 ft.
Walnut St., Washington St. to Second St.....	30 ft.
Washington St., Chestnut St. to Battery St.....	482 ft.
Webster Street, corner Spring Street. ....	35 ft.
	<hr/>
	8834 ft.

**Streets Patched**

Annandale Road, Atlantic Street, Bath Road, Broadway, Bridge Street, Bowery Street, Briggs Wharf, Brinley Street, Branch Street, Berkeley Avenue, Carroll Avenue, Church Street, Charles Street, Congdon Avenue, Catherine Street, Clark Street, Court House Street, Collins Street, Cotton's Court, Caleb Earl Street, Cliff Avenue, Chastellux Avenue, Coggeshall Avenue, Dixon Street, East Bowery Street, Elm Street, Everett Street, Eastnor Road, Farewell Street, Freebody Street, Ferry Wharf, Franklin Street, Fourth Street, Gould Street, Girard Avenue, Gibbs Avenue, Griswold Place, Halidon Avenue, Harrison Avenue, Homer Street, Hall Avenue, Houston Avenue, Jeffery Road, John Street, Kay Street, Long Wharf, Marchant Street, Malbone Road, Marine Avenue, Market Square, Merton Road, Mary Street, Morton Avenue, Marsh Street, North Baptist Street, Newport Avenue, Narragansett Avenue, Ocean Avenue, Old Beach Road, Ochre Point Avenue, Oak Street, Poplar Street, Pleasant Street, Perry Street, Parker Avenue, Powel Avenue, Roseneath Avenue, Ruggles Avenue, Ridge Road, Summer Street, Sycamore Street, Third Street, Touro Street, Thames Street (upper), Tilley Avenue, Vicksburg Place, Van Zandt Avenue, Washington Square, Water Works Road, Warner Street, Wellington Avenue, West Marlborough Street, Washington Street, Walnut Street, West Pelham Street, Wheatland Avenue, Webster Street, Young Street.

**Permanent Pavement Repaired**

Long Wharf (Granite Blocks)..... 42 ft. x 5 ft.

**Streets Repaired and Rolled**

Bellevue Avenue, from Turn to Bailey's Beach  
 Bridge Street, Washington Street to Railroad  
 Coggeshall Avenue, Ocean Avenue to Bellevue Avenue  
 Harrison Avenue, Halidon Avenue to Ridge Road  
 Jeffery Road  
 Ocean Avenue  
 Third Street, Bridge Street to Poplar Street  
 Washington Street, Poplar Street South  
 Wellington Avenue

**Streets Repaired and Rolled****with Material taken from Broadway Roadbed**

Bedlow Avenue.....	394 ft. x 13 ft.	569 sq. yds.
Cotton's Court.....	84 ft. x 10 ft.	93.3 sq. yds.
Girard Avenue.....	550 ft. x 18 ft.	1100 sq. yds.
Hall Avenue.....	396 ft. x 20 ft.	880 sq. yds.
Kay Street Boulevard.....	1240 ft. x 24 ft.	3306 sq. yds.
Malbone Avenue.....	500 ft. x 17 ft.	944 sq. yds.
Pearl Street.....	197 ft. x 16½ ft.	361 sq. yds.
Thurston Avenue.....	239 ft. x 17½ ft.	464.6 sq. yds.
	<u>3600 ft.</u>	<u>7717.9 sq. yds.</u>

**Streets Repaired and Rolled****with Material taken from lower Bellevue Avenue**

Maher Court.....	175 ft. x 18 ft.	350 sq. yds.
Wheatland Avenue.....	700 ft. x 26 ft.	2022 sq. yds.
	<u>875 ft.</u>	<u>2372 sq. yds.</u>

**Streets Re-macadamized**

Brinley Street; Callender Avenue; Carroll Avenue; Halsey Street;  
 Kay Street, Touro to Everett Street; Marlborough Street; Mount  
 Vernon Street, Mann Avenue to Bull Street; Mount Vernon Street,  
 Bull Street south; Morton Avenue; North Baptist Street; Ochre Point  
 Avenue, LeRoy Avenue to Ruggles; Poplar Street, Thames Street to  
 Third Street; Prospect Hill Street, Thames Street to Spring Street;  
 Sanford Street; Shepard Avenue, Ochre Point Avenue to Lawrence  
 Avenue; Shepard Avenue, Lawrence Avenue to Bellevue Avenue;  
 Sherman Street, Mount Vernon Street to Spring Street; Washington  
 Street, Bridge Street to Railroad Tracks.

**Streets Re-surfaced**

Catherine Street, Bellevue Avenue East  
Ledge Road, Bellevue Avenue South

**Streets Turnpiked**

Sylvan Street.....	628 ft. x 24 ft.	1674.6 sq. yds.
Vaughan Avenue.....	840 ft. x 24 ft.	2240 sq. yds.
	<u>1468 ft.</u>	<u>3914.6 sq. yds.</u>

**Sidewalks Repaired****Asphalt Blocks:**

Ayrault Street..... 85 ft. x 6 ft.

**Flagstone:**

Church Street..... 127 ft. x 5 ft. 6 in.

Church Street..... 75 ft. x 6 ft.

Frank Street..... 250 ft. x 2 ft.

Spring Street at Congregational Church..... 6 ft. x 8 ft.

**Sidewalks Patched**

Ayrault Street, Bath Road, Bridge Street, Bliss Road, Brewer Street, Church Street, Division Street, Extension Street, Freebody Street, Green Street, Old Beach Road, Second Street, Sycamore Street, South Baptist Street, Third Street at Marsh Street, Thurston Avenue, Van Zandt Avenue, Walnut Street, Warner Street.

## COMPARATIVE STATEMENT OF FUEL CONSUMED BY DEPARTMENT

	1912			1913			1914		
	Tons	Cds.	Cost	Tons	Cds.	Cost	Tons	Cds.	Cost
Cumberland Coal at \$5.70	116		\$682.28	124-1000		\$709.65	156-1000		\$892.05
Cumberland Coal at \$5.45	82		574.00						
Egg Coal at \$7.00				20-1000		148.68	26-1000		192.18
White Ash Stove Coal at \$7.25	22		154.00	3		21.00			
White Ash Stove Coal at \$7.00	3	38½	20.55		35	341.27		47½	459.48
White Ash Stove Coal at \$6.85			378.98						
Pine Wood at \$9.75 cord	223	38½	\$1769.76	148	35	\$1220.55	183	47½	\$1543.66

### Forage Consumed at City Stable during the Municipal Year of 1914

[illegible]

### INVENTORY OF PROPERTY BELONGING TO THE DEPARTMENT OF HIGHWAYS AND BRIDGES

#### Office

1	Victor safe.....	\$180 00	
1	Iron safe (City Yard office, Long Wharf) ..	25 00	
1	Iron safe (Loaned License Commissioners)	140 00	
1	Large Steel filing case.....	150 00	
1	Small Steel filing case.....	97 00	
1	Large fireproof cabinet.....	390 00	
	Furniture, clock, stoves, desk, copypress, etc.....	55 00	
1	Engineer's transit (City Engineer's Office)	250 00	
1	Set Engineer's drafting instruments.....	5 50	
1	Plummet lamp.....	5 00	
1	Exploding battery.....	25 00	
1	Engineer's level and rod (City Engineer's Office) .....	50 00	
		<hr/>	\$1372 50

#### Wharf and Stable

1	Standard scale.....	\$295 00	
10	Horses .....	1500 00	
3	Stone wagons.....	300 00	
4	Dump carts.....	80 00	
2	Two-horse steel dump carts.....	300 00	
3	One-horse steel dump carts.....	375 00	
1	Double gear .....	75 00	
1	Single gear.....	50 00	
1	Express wagon .....	50 00	
1	Street sweeper .....	10 00	
1	Two-horse roller.....	200 00	
4	One-horse watering carts .....	200 00	
9	Two-horse watering carts .....	900 00	
4	Sets double harness .....	150 00	
4	Sets cart harness.....	20 00	
4	Sets single wagon harness .....	20 00	
11	Waterproof covers .....	44 00	
10	Wagon blankets .....	20 00	
13	Baker blankets .....	65 00	
9	Stable boxes .....	4 50	
2	Wagon boxes .....	1 00	
4	Steam Road rollers .....	11000 00	
2	Stone trucks .....	20 00	
7	Iron Wheel barrows .....	56 00	

3	Wooden Wheelbarrows .....	\$6 00
2	Lawn mowers. ....	5 00
1	Derrick, complete.....	150 00
1	Controlling nozzle and pipe.....	10 00
6	Spanner wrenches.....	2 50
7	Hydrant wrenches .....	7 00
2	Ship pumps and hose (50 feet) .....	75 00
90	Lanterns and globes.....	45 00
1	Gravel screen.....	6 00
2	Tree pruners.....	2 00
6	Ice picks.....	1 50
4	Cast iron stoves.....	50 00
4	Jack screws.....	8 00
1	Asphalt pot .....	3 00
2	Babbitt pots.....	2 00
2	Tar kettles on wheels.....	266 00
2	Claw hammers.....	30
3	Machinist hammers.....	1 50
1	Asphalt repair plant and tools, complete...	400 00
6	Asphalt maddocks.....	6 00
3	Three-inch augers.....	12 00
4	Small augers.....	2 00
1	Breast drill ....	2 00
4	Crosscut saws.....	6 00
1	Bit stock.....	2 00
8	Hand saws.....	4 00
1	Wood saw.....	1 00
1	Hack saw .....	1 00
4	Straight edges.....	4 00
3	Plows.....	25 00
2	Stone axes.....	3 00
48	Cutting tools.....	4 30
6	Hand drills.....	3 00
14	Iron bars.....	14 00
4	Tampers.....	4 00
3	Iron Pounders.....	3 00
50	Iron pins.....	12 50
200	Lbs. steel.....	16 00
4	Striking hammers.....	6 00
9	Sledges .....	7 50
2	Paving pounders.....	2 00
19	Picks .....	9 50
4	Levels .....	2 00
2	Four-wheel asphalt heaters.....	650 00
6	Trench braces.....	18 00
3	Maddocks .....	1 50



4	Iron rakes.....	\$3 00
2	Tape measures.....	1 00
24	Guard pins and ropes.....	4 80
2	Manhole guards.....	5 00
1	Hydrant valve.....	2 00
4	Tool boxes.....	10 00
3	Sets blocks and falls.....	15 00
10	Stilson wrenches.....	10 00
4	Monkey wrenches.....	2 00
2	Pair chain tongs.....	10 00
2	Bolt cutters.....	1 00
3	Bench vises.....	12 00
1	Flush tank.....	30 00
1	24-inch manhole cover and rim.....	9 50
18	Long handle shovels.....	18 00
6	Short handle shovels.....	4 50
1	Stone roller.....	25 00
7	Large axes.....	10 50
5	Ox chains.....	5 00
6	Spades.....	6 00
4	Scythes and blades.....	6 00
3	Squares.....	3 00
1	Trowel.....	50
10	Hoes.....	6 00
2	Pair oilskin pants.....	2 00
11	Suits oilskins.....	22 00
7	Pair rubber boots.....	35 00
6	Pipe wrenches.....	3 00
3	California pumps.....	4 50
2	Smoothing trowels.....	1 50
1	Pair trimming shears.....	1 50
2	Step ladders.....	2 00
1	Joiner (granolithic tool).....	1 00
1	Emery wheel.....	5 00
3	Planes.....	6 25
2	Screw drivers.....	1 00
1	Set dies and tape.....	15 00
1	Bevel.....	1 00
1	Pipe cutter.....	1 00
1	Painter's torch.....	1 50
2	Sets stencils.....	3 00
1	Hatchet.....	50
3	50-gallon oil cans.....	12 00
2	Funnels.....	50
2	1/2 gallon measures.....	1 00
1	Blacksmith's portable forge.....	12 60

1	Pair snips .....	\$2 00	
1	Set sewer cleaning rods and fittings .....	50 00	
1	Soldering iron. ....	1 50	
1	Ratchet drill and 16 drills.....	18 00	
2	Iron clamps .....	1 00	
1	Drawing Knife .....	1 00	
1	Extension bit.....	1 25	
1	Norton jack (15 ton) .....	48 00	
1	Extension ladder (30 feet) .....	3 00	
1	Ladder (18 feet) .....	2 00	
1	Upright self-feeding drill and 14 drills.....	29 00	
3	Five-gallon oil cans .....	3 00	\$18103 50

**Settling Tank**

1	Centrifugal pump and fittings.....	\$300 00	
1	Hoisting engine.....	150 00	
1	Boiler .....	365 00	\$815 00

**Quarry**

1	Crusher engine and boiler.....	\$4500 00	
1	Fairbank's scales .....	100 00	
1	Bellows .....	15 00	
2	Vises .....	10 00	
1	Anvil .....	7 00	
2	Chain falls.....	20 00	
1	McKiernan Steam drill and fittings.....	296 00	\$4948 00

**Ocean Avenue**

1	Steam boiler, pump and tanks.....	\$500 00	
1	Windmill (pump at yard) formerly at Bailey's Beach.....	500 00	\$1000 00

**Collins Beach**

1	Steam boiler, pump and tank.....	\$500 00	
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**Hazard's Beach**

1	Steam boiler, pump and tank.....	\$700 00	
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**Long Wharf**

1	Steam boiler, pump and tank.....	\$300 00	
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**Second Ward Sewerage System**

Pump house, tank, electric motors and pumps, etc.....	\$7500 00	
	<u>\$35239 00</u>	

**STATEMENT OF CASH RECEIVED AND DEPOSITED WITH  
THE CITY TREASURER DURING THE  
MUNICIPAL YEAR OF 1914**

General Fund		Highway Fund	
Wharfage.....	\$264 33	Labor.....	\$27 00
Weighing.....	102 45	Materials.....	27 27
Permits.....	207 50	Asphalt Blocks.....	28 30
Street Sweepings.....	400 00	Relaying Roadbeds.....	103 76
Manure.....	7 50	Third St. Improvement	284 50
Outstanding Accounts.	4 90	Asphalt Macadam.....	5112 37
Old Stone.....	37 65	Street Repairs.....	7 63
Second Hand Iron		Use of Tar Kettles....	22 50
Cover and Rim.....	5 00	Catch Basin Repairs...	26 90
		Use of Pump.....	103 00
	<hr/>		<hr/>
	\$1029 33		\$5743 23

**RECEIPTS AND EXPENDITURES OF ACCOUNTS IN CHARGE  
OF THE DEPARTMENT OF HIGHWAYS AND BRIDGES  
FOR THE MUNICIPAL YEAR 1914**

Receipts	
Appropriation.....	\$213076 00
Appropriation, Briggs Wharf Wall.....	3940 00
Appropriation, Granolithic Sidewalk.....	500 00
Appropriation, Gibbs Avenue, extend sewer.....	100 00
Cash received and deposited with the City Treasurer to the credit of the Highway Fund, as per above statement.....	5743 23
	<hr/>
	\$223359 23

Disbursements	
Paid for Labor.....	\$107363 20
Paid for Materials.....	83692 53
Balance Unexpended.....	32305 50
	<hr/>
	\$223359 23

STATEMENT SHOWING APPROPRIATIONS, (DEPOSITS WITH CITY TREASURER, DISBURSEMENTS)  
AND BALANCES OF ACCOUNTS IN CHARGE OF THE DEPARTMENT OF HIGHWAYS  
AND BRIDGES DURING (THE MUNICIPAL YEAR OF) 1914

	Appropriation	Deposit City Treas.	Total Appro.	Disbursements	Balances
PUBLIC WEIGHTS AND MEASURES					
3.7	City Scales, City Wharf.....				
	PUBLIC SAFETY				
3.8	Railroad Crossings.....	\$25.00	\$25.00	\$5.50	\$19.50
	Plus Transfer.....	50.00	50.00	45.63	4.37
PUBLIC SANITATION					
5.0	Supervision.....	2650.00	2650.00	2611.34	38.66
5.1	Street Cleaning.....	\$30000.00			
	Plus Transfer.....	2000.00	32000.00	31847.11	152.89
5.2	Refuse Disposal				
	Collection and Disposal.....	10100.00	10100.00	10100.00	.....
	Labor at Dumps, etc.....	1500.00	1500.00	1404.55	95.45
5.3	Sewers and Sewage Disposal.....	9000.00	9129.90	8713.70	417.20
5.3	Settling Tank.....	600.00	600.00	440.77	159.23
5.3	Second Ward Sewage System.....	1000.00	1000.00	842.51	157.49
5.3	Construction (Sewers)				
	Harrison-Halidon Avenue.....	1650.00	1650.00	1357.14	292.86
	South Mayd Street.....	200.00	200.00	141.06	58.94
	Casey Court.....	10000.00	10000.00		10000.00
	Third Street.....	\$10000.00			
	Less Transferred.....	3500.00	6500.00	5576.82	923.18
King Street.....					
	Marin Street.....	1200.00	1200.00	1200.00	.....
	Farewell Street and Bowser Court.....	500.00	500.00	364.41	135.59
	Gibbs Avenue.....	1000.00	1000.00	734.04	265.96
		100.00	100.00	96.10	3.90
		\$78000.00	\$78129.90	\$65428.55	\$12701.35

# PUBLIC HIGHWAYS AND BRIDGES

	Appropriation	Deposit City Treas.	Total Appro.	Disbursements	Balances
6.9 Supervision	\$3400.00		\$3400.00	\$3326.75	73.25
6.2 Street Repairs					
Less Transferred	\$27000.00	188.16	26163.16	25769.94	393.22
1025.00					
6.2 Bellevue Avenue Asphalt Macadam.	2500.00		2500.00	2448.55	51.45
6.2 Bellevue Avenue Top Finish	3650.00		3650.00	3092.80	557.20
6.2 Broadway Asphalt Macadam	12000.00	5112.37	17112.37	14400.64	2711.73
6.2 Sea Wall Repairs	1500.00		1500.00	957.00	543.00
6.2 Briggs Wharf Wall	3940.00		3940.00	3940.00	
6.2 City Yard Building Repairs.	500.00		500.00	161.43	338.57
6.2 Horses	750.00		750.00	602.00	148.00
6.2 1 15-ton Steam Roller	3450.00		3450.00	3450.00	
6.3 4.5 Land Damages					
Peckham Avenue	350.00		350.00	350.00	
6.3 4.5 Construction:					
Vaughan Avenue	1875.00		1875.00	1394.94	480.06
Everts Street	1334.00		1334.00	509.84	824.16
Sylvan Street	1473.00		1473.00	658.25	814.75
Van Zandt Avenue	1000.00		1000.00	681.71	318.29
Marchant Street	525.00		525.00	524.05	95
Peckham Avenue	2175.00		2175.00	1355.07	819.93
Prochody, East Bowery and					
Bellevue Avenue	\$2844.00				
Less Transfer	500.00		2344.00	2296.04	47.96
Whitfield Court	800.00		800.00	650.20	149.80
Third Street Improvement	30000.00	284.50	30284.50	23069.47	7215.03
Granolithic Sidewalks	15000.00		15000.00	14243.21	756.79
Slate & John Street Granolithic Sidewalks.	500.00		500.00	491.86	8.14
Broadway Granolithic Sidewalk.	500.00		500.00	390.49	109.51
Snow Removal	4500.00		4500.00	3017.05	1482.95
6.8 Street Sprinkling	\$13500.00				
Plus Transfer	1000.00		14500.00	14276.40	223.60
6.9 Bridge Repairs.	500.00		500.00	36.68	463.32
	\$135041.00	\$5585.03	\$140626.03	\$122094.37	\$18531.66

	Appropriation	Deposit City Treas.	Total Appro.	Disburse- ments	Balances
<b>PUBLIC RECREATIONS</b>					
9.5 Bathing Beaches.....	\$500.00		\$500.00	\$460.01	39.99
Easton's Beach, Granolithic Sidewalk.....	600.00	28.30	628.30	553.27	75.03
Forty Steps.....	50.00		50.00	21.50	28.50
City Piers.....	1500.00		1500.00	1056.28	443.24
	<b>\$2650.00</b>	<b>\$28.30</b>	<b>\$2678.30</b>	<b>\$2091.06</b>	<b>\$587.24</b>
<b>PUBLIC RECREATIONS, MISCELLANEOUS</b>					
9.7 City Fountains.....	\$150.00		\$150.00	\$89.25	\$60.75
Tree Preservation.....	600.00		600.00	328.60	271.40
	<b>\$750.00</b>		<b>\$750.00</b>	<b>\$417.85</b>	<b>\$332.15</b>
<b>PUBLIC DOCKS AND WHARVES</b>					
10.7 City Wharf.....	\$900.00		\$900.00	\$885.96	\$14.04
City Floats.....	100.00		100.00	44.00	56.00
City Bows.....	100.00		100.00	42.81	57.19
	<b>\$1100.00</b>		<b>\$1100.00</b>	<b>\$972.77</b>	<b>\$127.23</b>
<b>SUMMARY</b>					
Public Weights and Measures.....	\$25.00		\$25.00	\$5.50	\$19.50
Public Safety.....	50.00		50.00	45.63	4.37
Public Sanitation.....	78000.00		78129.90	65428.55	12701.35
Public Highways and Bridges.....	135041.00	129.90	140626.03	122094.37	18531.66
Public Recreations.....	2650.00	5585.03	2678.30	2091.06	587.24
Public Recreations, Miscellaneous.....	750.00	28.30	750.00	417.85	332.15
Public Docks and Wharves.....	1100.00		1100.00	972.77	127.23
	<b>\$217616.00</b>	<b>\$5743.23</b>	<b>\$223359.23</b>	<b>\$191055.73</b>	<b>\$32303.50</b>

**SUMMARY OF EXPENDITURES OF THE DEPARTMENT OF  
HIGHWAYS AND BRIDGES FOR THE MUNICIPAL  
YEAR OF 1914.**

	Labor	Materials	Total
<b>Public Weights &amp; Measures.</b>			
3.7 City Scales, City Wharf.....		\$5 50	\$5 50
<b>Public Safety.</b>			
3.8 Railroad Crossings :			
Elm and Poplar Streets.....	\$4 25	41 38	45 63
<b>Public Sanitation.</b>			
5.0 Supervision .....	2551 75	59 59	2611 34
5.1 Street Cleaning :			
Cleaning Streets. ....	17546 13	206 79	17752 92
Cleaning Thames Street . . .	5605 96	581 91	6187 87
Cleaning Spring Street.....	2272 59	172 11	2444 70
Cleaning Broadway .....	2053 57	123 12	2176 69
Cleaning Long Wharf.....	886 26	48 33	934 59
Cleaning Bellevue Avenue....	2337 84	12 50	2350 34
5.2 Refuse Disposal :			
Collection and Disposal.....	10100 00		10100 00
Labor at Dumps, etc.....	1401 75	2 80	1404 55
5.3 Sewers and Sewage Disposal :			
Cleaning Main Sewers.....	2088 69	98 40	2187 09
Cleaning Culverts.....	68 76	3 14	71 90
Sewer Repairs :			
General Repairs.....	126 04	54 36	180 40
Lee's Wharf.....	119 32	38 49	157 81
Ruggles Avenue, Outlet....	61 94	11 45	73 39
Wellington Avenue, Outlet	6 62	79	7 41
Culvert Repairs,.....	70 37	8 58	78 95
Cleaning Catch Basins and			
Eyes.....	2876 80	548 43	3425 23
Repairs Catch Basins and			
Eyes.....	166 40	40 47	206 87
Construction, (Emergency			
Catch Basins :			
Freebody at East Bowery			
Street .....	77 98	30 20	108 18
Peckham at Russell Avenue	130 36	63 65	194 01
Pine at Washington Street	97 41	44 34	141 75

# REPORT OF STREET COMMISSIONER

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5.3	Construction, (Emergency Sewers):			
	Bliss Road, extend...	\$	\$2 73	\$2 73
	Broadway, Vernon Avenue, north .....	832 34	197 74	1030 08
	Bush Street, extend.....	20 35	11 19	31 54
	Coggeshall Avenue, extend	49 87	15 78	65 65
	Cummings Road, extend....	250 46	50 86	301 32
	Dartmouth Street, extend..	23 63	5 08	28 71
	Eastnor Road, extend... ..	73 14	18 03	91 17
	Farewell Street, extend....	68 06	25 90	93 96
	King Street.....	13 23		19 23
	Prescott Hall Road, extend.	61 42	22 61	84 02
	Water Works Road Culvert.	56 68	74 62	131 30
5.3	Construction (Special Sewers):			
	Bowser Court.....	68 89	13 48	82 37
	Gibbs Avenue.. ..	77 96	18 14	96 10
	Halidon-Harrison Avenue....	1042 09	315 05	1357 14
	Farewell Street, Van Zandt Avenue north.....	545 94	105 73	651 67
	King Street.....	997 59	202 41	1200 00
	Marin Street.....	287 67	76 74	364 41
	South Mayd Street.....	100 55	40 51	141 06
	Third Street. . . . .	1611 66	3965 16	5576 82
5.3	Second Ward Sewage System...	21 43	821 08	842 51
5.3	Settling Tank :			
	Cleaning.....	293 75	128 30	422 05
	Repairs .....	11 50	7 22	18 72
		\$57160 74	\$8267 81	\$65428 55

## Public Highways and Bridges.

6.0	Supervision.....	\$2861 01	\$465 74	\$3326 75
6.2	Street Repairs :			
	General Repairs Streets... ..	786 30	1485 15	2271 45
	General Repairs Sidewalks...	253 70	82 42	336 12
	Repairs :			
	Bellevue Avenue. ....	13 93	8 77	22 70
	Bellevue Avenue, Asphalt..	100 03	124 48	224 51
	Bridge Street.....	10 68	24 28	34 96
	Carroll Avenue.....	27 75	30 68	58 43
	Coggeshall Avenue.....	33 68	71 64	105 32
	Harrison Avenue.....	111 64	181 89	293 53
	Ocean Avenue.....	468 98	424 30	893 28
	Ridge Road .....	39 41	41 39	80 80



## 6.2 Street Repairs:

Touro Street, Lower.....	\$2 50	\$3 11	\$5 61
Touro Street, Upper.....	8 88	14 02	22 90
Washington Square.....	26 26	45 03	71 29
Wellington Avenue.....	229 68	604 60	834 28
Repairs—Material from Broadway :			
Bedlow Avenue.....	169 12	1 57	170 69
Cotton's Court.....	16 94	2 73	19 67
Girard Avenue.....	167 85	5 20	173 05
Hall Avenue.....	141 66	5 49	147 15
Kay Street Boulevard.....	413 49	12 88	426 37
Malbone Road.....	95 07	2 54	97 61
Narragansett Avenue.....	27 41	79	28 20
Pearl Street.....	63 70	7 41	71 11
Thurston Avenue.....	71 79		71 79
Vicksburg Place.....	6 66	3 14	9 80
Repairs—Material from Bellevue :			
Frank Street.....	12 02	1 57	13 59
Maher Court.....	17 25		17 25
Wheatland Avenue.....	107 66	10 46	118 12
Pavement Repairs :			
Broadway.....	43 98	65 68	109 66
Spring Street.....	26 09	35 36	61 45
Thames Street.....	13 25	10 06	23 31
Telford Macadam :			
Broadway, East side, Rhode Island Avenue to Bliss Road.....	664 79	760 97	1365 76
Resurface :			
Catherine Street, Bellevue, east.....	29 20	45 58	74 78
Ledge Road, south.....	124 66	275 46	400 12
Re-macadamize :			
Brinley Street.....	108 21	287 96	396 17
Callender Avenue.....	85 99	326 78	412 77
Carroll Avenue, Thames to Bateman Avenue.....	302 11	1143 42	1445 53
Halsey Street.....	94 70	306 78	401 48
Kay Street, Touro to Crans- ton Avenue.....	229 86	817 96	1047 82
Marlborough Street.....	153 76	433 78	587 54
Morton Avenue.....	165 55	762 14	927 69
Mount Vernon Street.....	146 16	469 74	615 90
North Baptist Street.....	32 07	87 57	119 64
Ochre Point Avenue.....	236 79	831 18	1067 97
Poplar Street.....	100 87	325 92	426 79

## 6.2 Street Repairs:

Prospect Hill Street.....	\$68 31	\$142 79	\$211 10
Sanford Street.....	21 94	59 35	81 29
Shepard Avenue.....	367 58	1225 42	1593 00
Sherman Street.....	110 01	192 25	302 26
Washington Street.....	96 74	281 29	378 03
Asphalt Macadam :			
Coggeshall Avenue.....	65	98 80	99 45
Cypress Street.....	192 10	604 95	797 05
Sidewalk Repairs :			
Annandale Road.....	7 17		7 17
Ayrault Street.....	71 24	13 05	84 29
Broadway.....	25 60		25 60
Corné Street.....	2 44	11 84	14 28
Cypress Street.....	17 62		17 62
Long Wharf.....	15 83	28 26	44 09
Summer Street.....	32 36		32 36
Thurston Avenue.....	110 52		110 52
West Narragansett Avenue	82 50		82 50
Frank Street, re-lay flagwalk, etc.....	85 04	11 97	97 01
Morton Avenue, sidewalk and gutter.....	288 78	68 96	357 74
Reset Curb :			
Ayrault Street, north side, Francis to Everett Street.	73 78	5 62	79 40
Barney Street, north side, Spring to Mt. Vernon Street	110 59	16 80	127 39
Broadway.....	671 53	75 10	746 63
Chestnut Street, north side.	82 32	6 11	88 43
Church Street.....	34 48	2 86	37 34
Corné Street.....	17 20	2 37	19 57
Cranston Avenue, north side	145 33	16 36	161 69
Farewell Street, east side..	6 37		6 37
Golden Hill Street.....	10 25		10 25
Green Street.....	122 85	15 13	137 98
Holland Street, north side..	123 50	21 79	145 29
Kay Street.....	96 88	8 31	105 19
Levin Street.....	274 98	65 22	340 20
Long Wharf.....	46 40	8 53	54 93
Old Beach Road.....	29 95	1 17	31 12
Prospect Hill St., north side	101 41	13 55	114 96
Third Street.....	92 60	4 30	96 90
Walnut Street.....	12 72	4 82	17 54
Washington Street.....	126 97	8 66	135 63
West Narragansett Avenue	128 71	20 41	149 12

## 6.2 Street Repairs:

Corner Curb:			
Barney Street .....	\$15 50	\$1 57	\$17 07
Extend Curb:			
Bachelor St., Byrnes St., east. ....	83 89	101 47	185 36
Replace Curb in Driveways:			
Bay View Ave. (Taggart Est.) .....	22 46	1 57	24 03
Bellevue Ave. (Glyn Est.) ..	20 34	3 45	23 79
Relay Gutters:			
Broadway.....	113 55	19 04	132 59
Bull Street.....	9 08	1 57	10 65
Byrnes Street.....	31 80	1 22	33 02
Set Back Curb:			
Spring St. at Webster St....	42 85	22 22	65 07
New Driveways:			
Bull Street, City Hall and Dr. Darrah's.....	68 65	44 78	123 43
Cranston Ave. (Hazard Est.)	5 00		5 00
Marin Street at Kay Street.	56 28	32 40	88 68
Mill St. at No. 1 Fire Station	20 75	22 99	43 74
Kay Terrace at Kay Street.	22 74	3 93	26 67
Russo Court at Barney St..	3 75		3 75
Repair and Relay Driveways:			
General Repairs.....	21 38	2 36	23 74
Pelham Street.....	16 11	1 02	17 13
Stone St. at Weaver Est....	5 20	2 39	7 59
Crossings:			
Repair and Relay.....	1478 99	252 14	1731 13
Bay Side Ave. at Van Zandt Avenue .....	56 46	42 76	99 22
Pine St. at Washington St..	31 20	14 63	45 83
Build Fence, Ledge Road....	12 41	4 79	17 20
6.2 City Yard Building Repairs....	94 26	67 17	161 43
6.2 Horses. ....		602 00	602 00
6.2 1 15 ton Steam Road Roller....		3450 00	3450 00
6.2 Briggs Wharf Wall Repairs....		3940 00	3940 00
6.2 Sea Wall Repairs:			
Easton's Beach .....		489 00	489 00
Ocean Avenue .....		468 00	468 00
6.2 Bellevue Ave., Top Finish ...	956 07	2136 73	3092 80
6.2 Bellevue Ave., Asphalt Macadam	655 85	1792 70	2448 55
6.2 Broadway Asphalt Macadam ..	3734 25	10666 39	14400 64
6.3-4-5 Land Damages:			
Peckham Avenue. ....		350 00	350 00

## 6.3-4-5 Construction:

Bellevue Ave., East Bowery and Freebody St., Curb:			
Bellevue Avenue.....	\$342 73	\$297 80	\$640 53
East Bowery Street.....	434 94	595 66	1030 60
Freebody Street.....	248 90	376 01	624 91
Evarts Street:			
Turnpike.....	9 50		9 50
Macadamize.....	149 74	350 60	500 34
Marchant Street Curb.....	255 43	268 62	524 05
Peckham Avenue:			
Turnpike.....	453 18	10 98	464 16
Macadamize.....	372 36	421 15	793 51
Crossing at Broadway.....	61 23	36 17	97 40
Sylvan Street:			
Turnpike.....	83 25		83 25
Macadamize.....	131 11	443 89	575 00
Third Street Improvement:			
Proving and certifying Bonds		110 00	110 00
Land Damages.....		5000 00	5000 00
Grading.....	1319 80	68 87	1388 67
Tree Removal.....	318 53	44 61	363 14
Setting Curb.....	2200 25	2831 44	5031 69
Making Driveways.....	132 73	143 82	276 55
Asphalt Macadam.....	2044 15	5926 38	7970 53
Granolithic Sidewalk.....	774 56	2142 76	2917 32
Sidewalk, East Side, Gravel	3 34	8 23	11 57
Van Zandt Ave., Curb.....	309 27	372 44	681 71
Vaughan Avenue:			
Turnpike.....	163 00		163 00
Macadamize.....	199 79	999 77	1199 56
Sidewalks.....	32 38		32 38
Whitfield Court Curb.....	283 42	366 78	650 20
Granolithic Sidewalks:			
First Ward:			
Chestnut St., north side....	244 60	436 67	681 27
Third St., east and west sides	130 43	564 16	694 59
Washington St., west side, Chestnut St., north.....	209 00	574 72	783 72
Van Zandt Ave., north side, Second St. to Water Front	135 93	276 18	412 11
Van Zandt Ave., north side Second St. to Third St.....	88 48	194 31	282 79
Second Ward:			
Broadway, east side, Mann Ave. to Everett St.....	523 39	565 09	1088 48

## 6.3-4-5 Construction:

## Second Ward:

Cranston Ave., north side..	\$475 55	\$873 92	\$1349 47
Summer St., south side, Broadway to Malbone Rd.	274 23	287 10	561 33

## Third Ward:

Ayrault St., east side, Francis St. to Everett Street...	172 24	239 74	411 98
Barney St., north side, Spring St. to Mount Vernon St.....	248 05	342 43	590 48
Bull St., south side, Seabury Est. to Spring Street.....	25 00	164 96	189 96
Corne St., east side, Mill St., south .....	37 08	62 97	100 05
Farewell St., east side, Broadway to Marlborough Street.....	65 88	154 15	220 03
Green St., both sides, where needed.....	135 83	241 68	377 51
Pelham St., Bellevue Ave., to Channing Church,.....	132 09	305 22	437 31
Prospect Hill Street, north side, Spring to Thames St.	90 76	271 39	362 15

## Fourth Ward.

Annandale Road, east and west sides .....	324 71	424 44	749 15
Bellevue Avenue, east side, East Bowery to Brewster Court.....	167 72	316 02	483 74
Golden Hill St., north side..	265 60	372 11	637 71
Levin Street, north side....	388 93	634 54	1,023 47

## Fifth Ward.

Bachelor Street, north side, Byrnes Street, east.....	32 16	63 73	95 89
Holland Street, north side..	184 00	370 31	554 31
Morton Avenue, north side.	347 68	599 74	947 42
West Narragansett Avenue, south side .....	488 00	720 29	1,208 29
Granolithic Sidewalk, Broadway, east side, Spring to Stone Street.....	50 59	339 90	390 49
Granolithic Sidewalks, State and John.			
State Street.....	147 82	270 55	418 37
John Street.....	16 78	56 71	73 49

# REPORT OF STREET COMMISSIONER

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6.6-Snow Removal.....	\$2,674 14	\$342 91	\$3,017 05
6.8-Street Sprinkling			
Watering, repairs .....	1,019 16	237 93	1,257 09
Watering, applying.....	8,651 44	397 73	9,049 17
Applying Dustoline.....	190 76	3,779 38	3,970 14
6.9-Bridge Repairs			
Girard Avenue.. ..	10 29	15 73	26 02
Van Zandt Avenue.....	6 87	3 79	10 66
	<u>\$48,555 94</u>	<u>\$73,538 43</u>	<u>\$122,094 37</u>

## Public Recreations.

9.5-Bathing Beaches.			
Easton's Beach, clean road, etc.....	345 51	14 50	360 01
Easton's Beach, Gran. Side- walk .....	59 66	493 61	553 27
Battery Park Beach, Repair Bathhouses .....		100 00	100 00
Forty Steps, Paint and Repair.....	20 25	1 25	21 50
City Piers.			
Ann Street, repair.....	3 00	2 29	5 29
Elm Street, repair.....	76 65	125 75	202 40
Van Zandt Avenue, repair.	2 75	845 84	848 59
	<u>\$ 507 82</u>	<u>\$1,583 24</u>	<u>\$2,091 06</u>

## Public Recreations.

### Miscellaneous:

9.7-City Fountains.			
Cleaning .....	28 50	2 20	30 70
Repairs.			
Broadway.....	6 37	1 18	7 55
Easton's Beach.....	6 00	20 85	26 85
Touro Park West.....	2 70	35	3 05
Washington Square.....		12 00	12 00
West Broadway.....	7 75	1 35	9 10
Tree Preservation.			
Trim and Remove.....	289 34	39 26	328 60
	<u>\$340 66</u>	<u>\$77 19</u>	<u>\$417 85</u>

## Public Docks and Wharves:

10.7-City Wharf.			
Wharfinger and Supplies...	746 75	133 71	880 46
Long Wharf, Paint fence..	5 50		5 50

## 10.7-City Floats.

Paint and Repair.....	\$17 25	\$26 75	\$44 00
City Brows,			
Willow Street, Repair.....	21 67	18 52	40 19
Elm Street, repair.....	2 62		2 62
	<u>\$793 79</u>	<u>\$178 98</u>	<u>\$972 77</u>

**Summary.**

Public Weights and Measures.....		5 50	5 50
Public Safety.....	4 25	41 38	45 63
Public Sanitation.....	57,160 74	8,267 81	65,428 55
Public Highways and Bridges.....	48,555 94	73,538 43	122,094 37
Public Recreations .....	507 82	1,583 24	2,091 06
Public Recreations, Miscellaneous...	340 66	77 19	417 85
Public Docks and Wharves.....	793 79	178 98	972 77
	<u>\$107,363 20</u>	<u>\$83,692 53</u>	<u>\$191,055 73</u>

**DETAIL OF EXPENDITURES OF THE DEPARTMENT OF HIGH-  
WAYS AND BRIDGES FOR THE MUNICIPAL YEAR  
OF 1914**

**PUBLIC WEIGHTS AND MEASURES****March**

1 Simon Hart, scale books .....	\$2 70
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**November**

2 Simon Hart, scale books.....	2 80
	<u>\$5 50</u>

**PUBLIC SAFETY**

1 W. W. Harris & Company, lumber.....	\$37 76
2 Highways & Bridges, freight and lumber.....	2 83
Pay Rolls .....	3 88
	<u>\$44 47</u>

**PUBLIC SANITATION****January**

1 George H. Chase, line printing.....	\$2 94
2 William Burgerman, auto hire .....	6 00
3 Neff & Martin, refuse disposal.....	799 59
4 J. K. Sullivan, grave.....	19

# REPORT OF STREET COMMISSIONER

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5	Alexander J. Fludder, pipe.....	\$1 12
6	Charles S. Goddard, cart repairs.....	3 00
7	J. K. Sullivan, gravel.....	1 09
8	Alexander J. Fludder, cement.....	3 67
9	The Bay State Street Railway Company, electricity.	80 23
	Pay Rolls.....	1363 03
		<hr/>
		\$2260 86

## February

10	George H. Carr, paper.....	\$2 65
11	Neff & Hattub, refuse disposal.....	799 59
12	S. W. Coggeshall, new tool.....	1 50
13	J. D. Johnston, lumber & milling.....	1 90
14	J. T. O'Connell, paint & screws.....	1 53
15	The Peckham Company, princess mettalic.....	30
16	M. F. Shea, cart repairs.....	47 00
17	S. W. Coggeshall, tire bolts.....	08
18	Charles S. Goddard, tool repairs.....	2 50
19	Alexander J. Fludder, pipe.....	28 10
20	John M. Friend, pipe & cement.....	21 10
21	J. K. Sullivan, gravel.....	94
22	J. Stacy Brown, crushed stone.....	1 41
23	The Bay State Street Railway Co , electricity.....	69 12
	Pay Rolls.....	1204 99
		<hr/>
		\$4443 57

## March

24	Harry L. DeBlois, street hoes.....	\$19 50
25	Wm. B. Scott & Company, brooms & scrapers.....	42 25
26	M. F. Shea, cart repairs.....	3 50
27	Neff & Hattub, refuse disposal.....	799 59
28	Highways & Bridges, express.....	23
29	John M. Friend, cement.....	45
30	Charles S. Goddard, tool repairs.....	3 50
31	Lynch Brothers, cart repairs.....	6 38
32	J. D Johnston, lumber.....	1 20
33	Alexander J. Fludder, pipe.....	2 73
34	John M. Friend, pipe & cement.....	21 88
35	Alexander J. Fludder, pipe.....	19 50
36	Bay State Street Railway Company, electricity.....	28 58
37	Scannevin & Potter, reps. sewerage system.....	7 00
38	Wm. B. Scott & Company, oil pump.....	25
	Pay Rolls.....	1859 08
		<hr/>
		\$7259 19



## April

39	Ward Printing Company, printing.....	\$9 00
40	Kee Lox Manufacturing Company, typewriter ribbons.....	4 50
41	D. J. Sullivan, tool repairs .....	1 05
42	H. L. Marsh & Company, bag.....	25
43	Lynch Brothers, cart repairs.....	7 62
44	Neff & Hattub, refuse disposal.....	799 59
45	James S. Ramlose, repair rubber boots.....	5 25
46	Alexander J. Fludder, pipe.....	19 95
47	John M. Friend, cement and brick.....	11 15
48	J. K. Sullivan, gravel.....	1 43
49	Charles S. Goddard, irons on pails .....	1 50
50	James S. Ramlose, repair rubber boots.....	50
51	Wm. B. Scott & Company, oak pails.....	2 50
52	Charles S. Goddard, tool repairs.....	4 52
53	John M. Friend, pipe, etc.....	32 70
54	Alexander J. Fludder, pipe.....	31 98
55	J. Stacy Brown, crushed stone.....	49
56	Charles S. Goddard, tool repairs.....	2 20
57	John M. Friend, pipe and cement.....	21 10
58	Alexander J. Fludder, pipe.....	24 96
59	J. K. Sullivan, gravel.....	56
60	Charles S. Goddard, tool repairs.....	90
61	John M. Friend, pipe.....	22 05
62	J. K. Sullivan, gravel .....	56
63	John M. Friend, pipe and cement.....	35 81
64	J. K. Sullivan, gravel.....	60
65	D. J. Sullivan, tool repairs.....	1 30
66	Alexander J. Fludder.....	72 27
67	John M. Friend, brick and cement.....	13 70
68	J. K. Sullivan, gravel.....	3 26
69	The Bay State Street Railway Company, electricity.....	93 34
70	Scannevin & Potter, fuses.....	3 50
	Pay Rolls.....	4846 38
		<hr/>
		\$13335 66

## May

71	Harry L. DeBlois, street hoes.....	\$19 50
72	The Broadway Hardware Company, new tools.....	8 35
73	Wm. B. Scott & Company, brooms.....	75 00
74	S. W. Coggeshall, scoop.....	1 60
75	Neff & Hattub, refuse disposal.....	799 59
76	Harold L. Bond Company, sewer brushes.....	34 00
77	N. Y., N. H. & H. R. R. Co., freight.....	35
78	J. K. Sullivan, gravel .....	04

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79	Jas. S. Ramlose, rubber boots.....	\$6 00
80	M. F. Shea, repair catch basin.....	1 00
81	J. K. Sullivan, gravel.....	07
82	Alexander J. Fludder, cement.....	78
83	John M. Friend, pipe.....	60
84	J. K. Sullivan, gravel.....	04
85	Alexander J. Fludder, cement.....	79
86	D. J. Sullivan, tool repairs.....	17 28
87	M. F. Shea, tool repairs.....	4 00
88	Alexander J. Fludder, pipe and cement.....	74 25
89	John M. Friend, pipe, etc.....	100 34
90	J. K. Sullivan, gravel.....	1 05
91	W. H. Tibbetts, explosives.....	2 80
92	J. J. Martin, kerosene.....	4 95
93	The Broadway Hardware Company, hammer.....	96
94	Wm. B. Scott & Company, tapeline.....	40
95	The Bay State Street Railway Company, electricity.	96 69
	Pay Rolls.....	4698 77

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\$19284 86

## June

96	Highways & Bridges, postage.....	\$2 00
97	S. W. Coggeshall, new tools.....	3 05
98	Newport Paper & Grocery Company, oatmeal.....	4 25
99	Neff & Hattub, refuse disposal.....	799 59
100	Lynch Brothers, pipe.....	85
101	Charles S. Goddard, tool repairs.....	75
102	M. F. Shea, cart repairs.....	6 50
103	John M. Friend, pipe.....	60
104	Charles S. Goddard, tool repairs.....	2 30
105	Howard S. West, tool repairs.....	28 35
106	Alexander J. Fludder, pipe.....	86 58
107	John M. Friend, pipe, etc.....	157 77
108	J. K. Sullivan, gravel.....	3 11
109	W. H. Tibbetts, explosives.....	6 75
110	J. J. Martin, kerosene.....	5 50
111	The Bay State Street Railway Company, electricity.	100 65
	Pay Rolls.....	5823 76

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\$26317 23

## July

112	The Broadway Hardware Company, new tools.....	\$ 75
113	Neff & Hattub, refuse disposal.....	799 59
114	Wm. B. Scott & Company, hoes.....	1 30
115	John M. Friend, cement.....	1 60

116	James S. Ramlose, repair rubber boots.....	\$1 00
117	D. E. Sullivan, pails and covers.....	70
118	John M. Friend, brick, etc.....	6 15
119	Alexander J. Fludder, pipe, etc.....	5 08
120	D. J. Sullivan, tool repairs.....	1 00
121	S. W. Coggeshall, hasp and staple.....	06
122	The Bay State Street Railway Company, electricity.....	120 76
123	Ralph R. Barker, glass and putty.....	1 20
124	Howard S. West, tool repairs.....	9 76
125	J. K. Sullivan, gravel.....	2 78
126	Alexander J. Fludder, pipe.....	123 60
127	John M. Friend, pipe, etc.....	101 72
128	S. W. Coggeshall, brush.....	1 00
	Pay Rolls .....	4488 59
	Assumed, Contract Sewer, U. S. N. Hospital Lands.....	2743 42
		<hr/>
		\$34727 29

## August

129	Ward Printing Company, printing.....	\$5 00
130	The Gladding Print, printing.....	3 00
131	Remington Ward, printing.....	7 50
132	Harry L. DeBlois, street hoes.....	19 50
133	The Broadway Hardware Company, scythes.....	4 50
134	Wm. B. Scott & Company, brooms and scrapers....	41 25
135	Lynch Brothers, repair hydrant valve.....	66
136	Neffe & Hattub, refuse disposal.....	799 59
137	J. T. O'Connell, diaphragms.....	18 25
138	M. F. Shea, cart repairs.....	12 85
139	Charles S. Goddard, repair pail.....	35
140	Howard S. West, tool repairs.....	24
141	Alexander J. Fludder, pipe and cement.....	12 88
142	J. K. Sullivan, gravel.....	30
143	D. J. Sullivan & Company, weighing gravel.....	10
144	Alexander J. Fludder, pipe and cement.....	14 83
145	Daniel J. Sullivan, tool repairs.....	75
146	John M. Friend, brick and cement.....	14 70
147	Alexander J. Fludder, pipe.....	59
148	J. K. Sullivan, gravel.....	1 37
149	D. J. Sullivan & Company, weighing gravel.....	10
150	J. D. Johnston, lumber.....	27
151	Daniel J. Sullivan, tool repairs.....	9 65
152	Alexander J. Fludder, pipe and cement....	127 55
153	John M. Friend, brick and cement.....	13 70
154	J. K. Sullivan, gravel.....	5 44
155	John M. Friend, brick and cement.....	6 05

# REPORT OF STREET COMMISSIONER

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156	J. K. Sullivan, gravel.....	\$ 75
157	The Bay State Street Railway Company, electricity.	42 24
158	J. T. O'Connell, spikes.....	25
159	Lynch Brothers, flax packing.....	65
	Pay Rolls.....	4643 27
	Assumed, Contract Sewer, U. S. N., Hospital Lands	587 07

\$41,122 49

## September

160	Wm. B. Scott & Company, new tools and brooms...	38 75
161	The Broadway Hardware Company, new tools.....	75
162	Neff & Hattub, refuse disposal.....	799 59
163	Jas. S. Ramlose, rubber boots.....	5 50
164	J. T. O'Connell, rope.....	1 50
165	Alexander J. Fludder, pipe.....	6 63
166	J. K. Sullivan, gravel.....	26
167	Howard S. West, tool repairs.....	60
168	Alexander J. Fludder, pipe.....	9 45
169	John M. Friend, pipe.....	18 80
170	J. K. Sullivan, gravel.....	34
171	Howard S. West, tool repairs.....	3 35
172	Alexander J. Fludder, pipe.....	16 38
173	John M. Friend, brick, etc.....	19 55
174	J. K. Sullivan, gravel.....	8 14
175	Daniel J. Sullivan, tool repairs.....	4 80
176	D. J. Sullivan, tool repairs.....	75
177	Charles S. Goddard, tool repairs.....	25
178	Howard S. West, tool repairs.....	75
179	John M. Friend, cement, etc.....	4 80
180	Alexander J. Fludder, pipe and cement.....	26 53
181	W. H. Tibbetts, explosives.....	3 41
182	John M. Friend, cement and brick.....	6 20
183	J. K. Sullivan, gravel.....	56
184	The Bay State Street Railway Company, electricity.	61 44
	Pay Rolls.....	5,777 82

\$47,939 39

## October

185	The Milne Printery, printing.....	7 50
186	Standard Carbon and Ribbon Company, carbon paper.	3 00
187	Charles S. Goddard, cart repairs.....	1 25
188	S. W. Coggeshall, rakes.....	1 00
189	Neff & Hattub, refuse disposal.....	799 59
190	J. K. Sullivan, gravel.....	30
191	Howard S. West, tool repairs.....	40
192	J. K. Sullivan, gravel.....	75

193	John M. Friend, pipe and brick .....	\$35 67
194	Charles S. Goddard, tool repairs .....	73
195	J. K. Sullivan, gravel .....	3 21
196	John M. Friend, pipe, brick, etc .....	37 27
197	Charles S. Goddard, tool repairs .....	87
198	Howard S. West, tool repairs. ....	3 00
199	J. K. Sullivan, gravel .....	60
200	John M. Friend, pipe and cement .....	40 64
201	The Bay State Street Railway Company, electricity .....	45 22
202	Scannevin & Potter, sewerage inspection .....	10 00
203	Pinniger & Manchester Company, use of scow and fuel .....	33 63
204	J. K. Sullivan, towing scow ....	65 00
205	T. Mumford Seabury Company, rubber boots .....	12 00
206	George G. Popple, rubber boots .....	11 00
207	Robert S. Gash, rubber boots .....	18 00
208	Jas. S. Ramlose, rubber boots .....	16 50
209	J. T. O'Connell, pipe, rope, etc .....	8 50
210	James P. Taylor, oilskins .....	9 00
211	S. W. Coggeshall, shovels ....	14 00
212	J. D. Johnston, plank .....	1 47
213	Wm. B. Scott & Company, screws .....	44
214	Charles S. Goddard, bolts, etc. ....	3 00
215	Lynch Brothers, making gaskets .....	45
	Pay Rolls. ....	4,401 42
		<hr/>
		\$53,524 80

## November

216	Ward Printing Company, printing .....	12 50
217	K. B. Squires, cleaning rugs .....	75
218	Wm. B. Scott & Company, brooms .....	31 25
219	S. W. Coggeshall, scoop ....	1 45
220	Charles S. Goddard, cart repairs .....	75
221	Estate M. F. Shea, cart repairs. ....	17 40
222	Neffers & Hattub, refuse disposal .....	799 59
223	Estate M. F. Shea, cart repairs .....	12 00
224	Howard S. West, tool repairs .....	8 40
225	John M. Friend, pipe, etc .....	45 11
226	Howard S. West, tool repairs. ....	3 20
227	Charles S. Goddard, tool repairs .....	30
228	Alexander J. Fludder, pipe, etc .....	50 52
229	John M. Friend, pipe and cement .....	4 80
230	W. H. Tibbetts, explosives .....	3 78
231	J. K. Sullivan, gravel .....	30
232	Howard S. West, tool repairs .....	1 40
233	Alexander J. Fludder, pipe .....	11 70

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234	John M. Friend, pipe.....	\$ 80
235	J. K. Sullivan, gravel .....	19
236	Howard S. West, tool repairs.....	1 00
237	Alexander J. Fludder, pipe .....	15 60
238	John M. Friend, pipe.....	80
239	The Bay State Street Railway Company, electricity.	34 12
240	Ralph R. Barker, shellac.....	15
	Pay Rolls.....	4,711 61
		<hr/>
		\$59,294 27

## December

241	S. W. Coggeshall, shovels.....	2 95
242	H. L. Marsh & Company, bag.....	25
243	Neff & Hattub, refuse disposal.....	1,304 51
244	Charles S. Goddard, repair pails.....	1 00
245	James S. Ramlose, repair rubber boots.....	1 00
246	Estate M. F. Shea, cart repairs.....	21 15
247	James P. Taylor, rubber hat.....	50
248	Charles S. Goddard, tool repairs.....	24
249	J. K. Sullivan, gravel.....	38
250	Alexander J. Fludder, pipe, etc.....	53 57
251	John M. Friend, pipe.....	11 60
252	J. K. Sullivan, gravel .....	82
253	A. & H. G. Hammett, lumber .....	80
254	The Bay State Street Railway Company, electricity.	37 67
255	Lynch Brothers, repairs.....	6 82
	Pay Rolls.....	1,550 58
	½ of Street Commissioner's Salary, (Assumed).....	750 00
		<hr/>
		\$63,038 11

# PUBLIC HIGHWAYS AND BRIDGES

## January

1	J. B. Parsonage & Son, bond.....	\$12 50
2	C. A. Hilcken, binding annual reports.....	1 00
3	Ward Printing Company, printing.....	9 00
4	The Milne Printery, printing.....	5 00
5	Simon Hart, office supplies.....	4 40
6	George H. Carr, office supplies.....	1 45
7	Kee Lox Manufacturing Company, carbon, etc.....	4 50
8	John F. Sullivan, crushed stone.....	10 10
9	J. Stacy Brown, crushed stone.....	1 10
10	J. D. Johnston, lumber.....	1 92
11	The Peckham Company, new tools.....	8 00

12	J. D. Johnston, lumber.....	\$2 38
13	S. W. Coggeshall, putty.....	20
14	Barker Bros. & Company, rubber elbow.....	50
15	J. K. Sullivan, gravel.....	17 25
16	Pinniger & Manchester Company, fuel.....	7 25
17	Harold I. Bond Company, repairs.....	30 64
18	N. Y., N. H. & H. R. R. Co., freight.....	81
19	Highways and Bridges, express.....	65
20	M. F. Shea, tires.....	21 00
21	Charles S. Goddard, cart repairs.....	14 25
22	J. T. O'Connell, hack saw blades.....	50
23	Wm. B. Scott & Company, putty screen and tacks..	3 28
24	S. W. Coggeshall, lamp wicking, etc.....	55
25	J. D. Johnston, lumber and milling.....	4 26
26	Ralph R. Barker, paint and brushes.....	3 00
	Pay Rolls.....	638 73

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**\$804 22**
**February**

27	Providence Telephone Company, exchange service..	\$20 67
28	The Gladding Print, printing.....	4 00
29	Maurice C. Smith, rubber stamps and pad.....	2 00
30	Wm. P. Clarke, ink.....	1 00
31	The A. C. Titus Company, costumers.....	5 30
32	The Municipal Journal, subscription.....	3 00
33	S. W. Coggeshall, repairs.....	27
34	Highways and Bridges, postage.....	2 00
35	Charles S. Goddard, wrench, etc.....	1 00
36	Wm. B. Scott & Company, spikes.....	20
37	S. W. Coggeshall, wire nails.....	25
38	J. T. O'Connell, rope.....	50
39	J. K. Sullivan, gravel.....	25 15
40	S. W. Coggeshall, pick handles.....	1 50
41	Wm. B. Scott & Company, picks and handles.....	3 60
42	Broadway Hardware Company, picks and handles...	8 45
43	J. T. O'Connell, solder.....	44
44	M. F. Shea, cart repairs.....	1 35
45	Dudley P. Bacheller, cart repairs.....	22 15
46	Charles S. Goddard, cart repairs.....	4 90
47	Studebaker Bros. Co. of N. Y., repairs.....	28 70
48	Highways and Bridges, express.....	30
49	N. Y., N. H. & H. R. R. Co., freight.....	25
50	S. W. Coggeshall, axe handle.....	25
51	Wm. B. Scott & Company, hack saws.....	60
	Pay Rolls.....	2009 08

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**\$2951 13**

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## March

52	The Gladding Print, printing.....	\$7 00
53	Remington Ward, paper.....	2 50
54	Highways and Bridges, postage.....	2 00
55	Simon Hart, office supplies.....	40
56	Saml. T. H. Ailman, office supplies.....	1 75
57	The Register & Guide Company, subscription.....	2 00
58	Joseph W. Albro, installing electric light.....	4 00
59	J. T. O'Connell, paint.....	20
60	The Peckham Company, shovels.....	45 00
61	Charles S. Goddard, steel pins.....	6 88
62	Ralph R. Barker, white lead.....	20
63	J. D. Johnston, lumber.....	1 68
64	S. W. Coggeshall, repairs.....	1 53
65	Wm. B. Scott & Company, tacks.....	44
66	Elmer B. Sisson, horses.....	600 00
67	Highways and Bridges, freight.....	2 00
68	J. K. Sullivan, gravel.....	30
69	George Stanhope, salt.....	80
70	M. F. Shea, tool repairs.....	1 45
71	P. M. Shea, tool repairs.....	1 50
72	Charles S. Goddard, tool repairs.....	10
73	Pinniger & Manchester Company, fuel.....	14 50
74	Dudley P. Bacheller, cart repairs.....	3 65
75	Lynch Brothers, repairs.....	66
	Pay Rolls.....	897 73
		<hr/>
		\$4549 40

## April

76	Remington Ward, printing.....	\$10 00
77	Ward Printing Company, printing.....	13 00
78	Providence Telephone Company, exchange service..	20 16
79	Saml. T. H. Ailman, office supplies.....	5 00
80	M. F. Shea, tool repairs.....	95
81	Howard S. West, tool repairs.....	1 66
82	Charles S. Goddard, tool repairs.....	9 65
83	James J. Dugan, crushed stone.....	1180 50
84	J. Stacy Brown, crushed stone.....	94
85	J. K. Sullivan, gravel.....	38 65
86	A. & H. G. Hammett, lumber.....	2 66
87	John M. Friend, cement.....	1 60
88	James F. Marden Company, supplies.....	12 00
89	S. W. Coggeshall, rakes, etc.....	1 80
90	J. D. Johnston, paving pounders.....	7 50
91	The Bennington Company, shovels.....	12 00
92	The Broadway Hardware Company, chalk.....	75



93	J. T. O'Connell, supplies.....	\$3 33
94	A. & H. G. Hammett, lumber.....	46
95	J. D. Johnston, lumber.....	8 95
96	S. W. Coggeshall, screws.....	40
97	Buffalo Steam Roller Company, steam roller.....	3450 00
98	Thomas Maguire, Easton's Beach sea wall reps.....	489 00
99	J. K. Sullivan, Briggs Whf. Wall repairs.....	3940 00
100	M. F. Shea, plow repairs.....	1 80
101	S. W. Coggeshall, tire bolts.....	30
102	J. T. O'Connell, repairs.....	2 55
103	Robert L. Oman, repairs.....	20 17
104	Philip F. Conroy, repairs.....	1 04
	Pay Rolls.....	1822 59

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\$15608 81

**May**

105	Providence Telephone Company, toll calls.....	\$1 65
106	Blaisdell Paper Pencil Company, pencils.....	1 30
107	James H. Donovan, repair levels.....	1 50
108	D. J. Sullivan, tool repairs.....	7 05
109	Charles S. Goddard, tool repairs.....	8 95
110	James J. Dugan, crushed stone.....	785 91
111	James J. Dugan, crushed stone.....	1099 36
112	J. K. Sullivan, gravel.....	35 63
113	Wm. B. Scott & Company, pick handles.....	1 25
114	N. Y., N. H. & H. R. R. Co., freight.....	25
115	The Peckham Company, shovels.....	24 50
116	J. D. Johnston, lumber and milling.....	4 90
117	Charles S. Goddard, iron.....	25
118	D. J. Sullivan, tool repairs.....	1 50
119	Howard S. West, tool repairs.....	54
120	J. K. Sullivan, gravel.....	42 54
121	J. D. Johnston, lumber.....	42
122	Lynch Brothers, repairs.....	5 02
123	Pinniger & Manchester Company, fuel.....	29 06
124	G. H. Burnham, rubber.....	88
125	J. T. O'Connell, pump leather.....	35
126	M. F. Shea, cart repairs.....	3 00
127	The Dustoline for Roads Company, dustoline.....	1184 20
128	N. Y., N. H. & H. R. R. Company, demurrage.....	4 00
129	Newport Ship Yard, lumber.....	2 50
130	S. W. Coggeshall, wire nails.....	50
	Pay Rolls.....	4279 38
	Assumed, Deed, Peckham Avenue.....	350 00
	Deed, Third Street.....	5000 00
		<hr/>
		\$28485 20

## June

131	Simon Hart, office supplies.....	\$3 10
132	Samuel T. H. Ailman, office supplies.....	1 95
133	Blaisdell Paper Pencil Co., lumber crayons.....	2 50
134	George H. Carr, office supplies.....	3 35
135	Charles S. Goddard, tool repairs.....	80
136	Howard S. West, tool repairs.....	36
137	D. J. Sullivan, tool repairs.....	4 15
138	James Corrigan, rubblestone.....	28 00
139	James J. Dugan, crushed stone.....	1032 18
140	James J. Dugan, crushed stone.....	763 60
141	James J. Dugan, crushed stone.....	346 69
142	J. K. Sullivan, gravel.....	51 16
143	D. J. Sullivan & Co., weighing gravel.....	1 40
144	Pinniger & Manchester Company, fuel.....	9 75
145	S. W. Coggeshall, iron rake.....	25
146	Wm. B. Scott & Company, brooms.....	1 30
147	The Broadway Hardware Company, vise.....	4 00
148	D. E. Sullivan, pails.....	1 50
149	Newport Paper & Grocery Company, oatmeal.....	4 25
150	J. T. O'Connell, paint.....	55
151	James H. Donovan, tool repairs.....	1 50
152	A. & H. G. Hammett, lumber.....	25 25
153	Charles S. Goddard, tool repairs.....	8 15
154	James J. Dugan, crushed stone.....	223 00
155	James J. Dugan, crushed stone.....	263 69
156	James J. Dugan, crushed stone.....	548 35
157	Pinniger & Manchester Company, fuel.....	24 38
158	M. F. Shea, straps.....	12 60
159	J. T. O'Connell, rope, etc.....	3 83
160	The Broadway Hardware Company, picks.....	10 20
161	James F. Marden Company, lanterns and globes.....	29 70
162	A. & H. G. Hammett, lumber.....	5 69
163	Downing Brothers, carron oil.....	50
164	Thomas Maguire, contract.....	468 00
165	Howard S. West, tool repairs.....	3 77
166	M. F. Shea, tool repairs.....	2 00
167	J. K. Sullivan, gravel.....	228 03
168	S. W. Coggeshall, new tools.....	14 61
169	The Broadway Hardware Company, maddocks.....	2 00
170	J. T. O'Connell, manilla rope.....	4 29
171	Jas. H. Donovan, tool repairs.....	2 75
172	A. & H. G. Hammett, lumber.....	1 12
173	D. J. Sullivan, tool repairs.....	1 05
174	J. K. Sullivan, gravel.....	345 38
175	D. J. Sullivan & Company, weighing gravel.....	8 70

176	Newport Gas Light Company, cinders.....	\$9 75
177	Benjamin N. Anthony, cinders.....	12 75
178	N. Y., N. H. & H. R. R. Co., cinders.....	25 00
179	Jas. F. Marden Company, lanterns.....	19 50
180	The Broadway Hardware Company, hose.....	18 00
181	Wm. B. Scott & Company, hose, etc.....	21 35
182	S. W. Coggeshall, hose and rakes.....	18 30
183	The Peckham Company, shovels and hose.....	40 00
184	Charles S. Goddard, hoop iron.....	1 20
185	Patrick Howard, kerosene.....	6 60
186	A. & H. G. Hammett, lumber.....	6 72
187	J. D. Johnston, lumber.....	75
188	Pinniger & Manchester Company, fuel.....	16 94
189	Charles S. Goddard, cart repairs... ..	5 25
190	M. F. Shea, cart repairs .....	7 25
191	J. R. Chase, motor cycle repairs.....	47 83
192	H. H. Lawton, hose.....	2 25
193	Robert L. Oman, repairs.....	2 90
194	The Dustoline for Roads Company, dustoline.....	1338 23
	Pay Rolls.....	7677 65
		<hr/>
		\$42262 80

## July

195	Providence Telephone Company, exchange service..	\$20 17
196	Ward Printing Company, printing and rubber stamp	9 00
197	The Birmingham Pen Company, pens.....	2 50
198	James J. Dugan, crushed stone.....	826 70
199	James J. Dugan, crushed stone.....	1048 23
200	J. K. Sullivan, gravel.....	2 36
201	The Broadway Hardware Company, wire.....	1 75
202	The Clinton Wire Cloth Company, screen.....	4 75
203	N. Y., N. H. & H. R. R. Co., freight.....	25
204	Harold L. Bond Company, copper burning brand...	1 40
205	A. & H. G. Hammett, lumber.....	1 99
206	Wm. B. Scott & Company, saws, etc.....	1 05
207	Charles S. Goddard, tool repairs.....	60
208	James J. Dugan, crushed stone.....	312 59
209	Pinniger & Manchester Company, fuel.....	9 75
210	J. J. Martin, kerosene .....	6 60
211	The Broadway Hardware Company, nails.....	08
212	James J. Dugan, crushed stone.....	1 86
213	James J. Dugan, crushed stone.....	16 42
214	Pinniger & Manchester Company, fuel....	47 55
215	A. & H. G. Hammett, lumber.....	2 05
216	S. W. Coggeshall, shovels, etc.....	13 75

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217	Wm. B. Scott & Company, wheelbarrows, etc.....	\$9 70
218	M. F. Shea, tool repairs.....	50
219	Howard S. West, tool repairs.....	1 53
220	Charles S. Goddard, repair pounder.....	2 00
221	J. K. Sullivan, gravel.....	338 78
222	D. J. Sullivan & Company, weighing gravel.....	80
223	Harold L. Bond Company, new tools .....	4 95
224	Highways and Bridges, express.....	50
225	J. T. O'Connell, line.....	62
226	D. J. Sullivan, tool repairs.....	1 10
227	Charles S. Goddard, new tools.....	1 54
228	J. K. Sullivan, gravel .....	68 91
229	D. J. Sullivan & Company, weighing gravel.....	2 70
230	S. W. Coggeshall, padlock, etc .....	45
231	Howard S. West, tool repairs.....	61
232	J. K. Sullivan, gravel.....	67 35
233	James J. Dugan, crushed stone.....	2 98
234	Daniel J. Sullivan, tool repairs.....	2 76
235	M. F. Shea, tool repairs.....	1 00
236	J. K. Sullivan, gravel.....	45 45
237	D. J. Sullivan & Company, weighing gravel.....	2 00
238	J. T. O'Connell, line.....	20
239	D. J. Sullivan, tool repairs.....	3 05
240	Charles S. Goddard, tool repairs .....	20
241	M. F. Shea, tool repairs .....	25
242	N. Y., N. H. & H. R. R. Co., cinders.....	202 50
243	New England Steamship Company, cinders.....	11 00
244	Newport Gas Light Company, cinders.....	5 25
245	J. K. Sullivan, gravel.....	4 95
246	James Corrigan, rubble stone. ....	3 00
247	Hector M. Henery, contract.....	574 39
248	Postal Telegraph-Cable Company, telegrams... ..	54
249	J. T. O'Connell, line.....	1 23
250	Wm. B. Scott & Company, line.....	25
251	Pinniger & Manchester Company, fuel.....	7 25
252	M. F. Shea, cart repairs.....	5 35
253	The Dustoline for Roads Company, dustoline .....	547 63
	Pay Rolls.....	6441 87
	Assumed, Proving and Certifying Bonds.....	110 00

\$53069 34

## August

254	The Milne Printery, printing. . . . .	\$6 00
255	Remington Ward, printing.....	6 00
256	George H. Carr, office supplies.....	72

257	Sampson & Murdock Company, directory.....	\$2 00
258	James J. Dugan, crushed stone.....	702 09
259	James J. Dugan, crushed stone.....	309 69
260	John M. Friend, brick and cement.....	14 80
261	J. K. Sullivan, gravel.....	34 17
262	S. W. Coggeshall, nails. . . . .	4 65
263	The Broadway Hardware Company, shovel . . . . .	1 60
264	Harold L. Bond Company, copper burning brand....	1 20
265	Highways and Bridges, express. . . . .	23
266	Newport Paper & Grocery Company, oatmeal.....	4 50
267	J. T. O'Connell, solder. . . . .	68
268	Charles S. Goddard, tool repairs . . . . .	12 85
269	James J. Dugan, crushed stone.....	777 11
270	James J. Dugan, crushed stone.....	681 04
271	Pinniger & Manchester Company, lumber . . . . .	29 25
272	J. J. Martin, kerosene.....	6 00
273	Daniel J. Sullivan, tool repairs.....	4 66
274	Howard S. West, tool repairs. . . . .	24
275	Charles S. Goddard, tool repairs . . . . .	1 00
276	Alexander J. Fludder, cement.....	40
277	J. K. Sullivan, gravel.....	204 99
278	D. J. Sullivan & Company, weighing gravel.....	5 30
279	James J. Dugan, crushed stone.....	566 57
280	N. Y., N. H. & H. R. R. Co., cinders. . . . .	60 00
281	Robert W. Curry, lumber, milling and carting.....	56 16
282	Wm. B. Scott & Company, nails.....	40
283	Patrick Howard, kerosene.....	6 05
284	Newport Paper & Grocery Company, oatmeal.....	4 50
285	Estate M. F. Shea, tool repairs.....	50
286	Howard S. West, tool repairs. . . . .	1 00
287	Hector M. Henery, contract.....	493 69
288	Hector M. Henery, contract.....	565 32
289	Hector M. Henery, contract.....	470 41
290	N. Y., N. H. & H. R. R. Co., cinders.. . . .	226 50
291	N. Y., N. H. & H. R. R. Co., cinders.....	107 50
292	New England Steamship Company, cinders.....	1 50
293	The Burbridge Company, repairing steps . . . . .	1 95
294	Postal Telegraph-Cable Company, telegrams.....	1 10
295	Patrick Howard, kerosene. . . . .	6 60
296	S. W. Coggeshall, lantern globes . . . . .	22 50
297	The Broadway Hardware Company, level.....	1 55
298	Pinniger & Manchester Company, fuel.....	9 69
299	Estate M. F. Shea, cart repairs . . . . .	10 75
300	Charles S. Goddard, cart repairs . . . . .	50
301	J. T. O'Connell, manila rope. . . . .	16

# REPORT OF STREET COMMISSIONER

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302	N. Y., N. H. & H. R. R. Co., demurrage.....	\$2 00
303	James H. Donovan, tool repairs . . . . .	50
304	A. & H. G. Hammett, lumber . . . . .	14 16
	Pay Rolls . . . . .	6,056 44
		<hr/>
		\$64,569 11

## September

305	The Mercury Publishing Company, printing Annual Reports.....	\$150 00
306	Simon Hart, office supplies . . . . .	5 00
307	Ward Printing Company, loose leaf binder.....	12 50
308	Highways and Bridges, postage.....	9 00
309	Howard S. West, tool repairs.....	1 15
310	Charles S. Goddard, tool repairs . . . . .	1 00
311	J. Stacy Brown, crushed stone.....	38
312	James J. Dugan, crushed stone.....	33 79
313	James J. Dugan, crushed stone . . . . .	81 37
314	J. K. Sullivan, gravel . . . . .	35 38
315	John M. Friend, cement.....	80
316	Newport Paper & Grocery Company, oatmeal.....	4 50
317	J. D. Johnston, lumber.....	2 04
318	S. W. Coggeshall, screws.....	46
319	Charles S. Goddard, tool repairs . . . . .	10 60
320	James J. Dugan, crushed stone . . . . .	665 15
321	James J. Dugan, crushed stone . . . . .	256 78
322	Pinniger & Manchester Company, fuel.....	24 38
323	Charles S. Goddard, tool repairs . . . . .	4 01
324	Daniel J. Sullivan, tool repairs . . . . .	38
325	J. K. Sullivan, gravel . . . . .	31 88
326	James J. Dugan, crushed stone . . . . .	893 16
327	James J. Dugan, crushed stone . . . . .	1,089 40
328	J. Stacy Brown, crushed stone . . . . .	16 70
329	John H. Sullivan, cartage crushed stone . . . . .	130 08
330	Pinniger & Manchester Company, fuel . . . . .	34 13
331	Wm. K. Covell, iron tar kettles . . . . .	7 50
332	Patrick Howard, kerosene . . . . .	6 60
333	The Cleveland Vapor Light Company, repairs.....	6 15
334	N. Y., N. H. & H. R. R. Co., cinders.....	105 00
335	Robert W. Curry, lumber, etc . . . . .	50 04
336	Wm. B. Scott & Company, nails . . . . .	1 00
337	Howard S. West, tool repairs . . . . .	85
338	J. K. Sullivan, gravel . . . . .	3 47
339	D. J. Sullivan, tool repairs . . . . .	1 45
340	Howard S. West, tool repairs . . . . .	1 20
341	N. Y., N. H. & H. R. R. Co., cinders . . . . .	21 00
342	Newport Gas Light Company, cinders . . . . .	75

343	Hector M. Henery, contract.....	\$807 82
344	Hector M. Henery, contract.....	753 50
345	Postal Telegraph-Cable Company, telegrams.....	1 00
346	Pinniger & Manchester Company, fuel.....	21 75
347	Estate M. F. Shea, cart repairs.....	7 10
348	Charles S. Goddard, cart repairs.....	4 75
349	The Dustoline for Roads Company, dustoline.....	666 35
	Pay Rolls.....	6,242 05
		<hr/>
		\$76,772 46

## October

350	Howard S. West, tool repairs.....	\$3 10
351	Charles S. Goddard, tool repairs.....	5 00
352	Estate M. F. Shea, tool repairs.....	3 00
353	James J. Dugan, crushed stone.....	167 75
354	James J. Dugan, crushed stone.....	187 88
355	J. K. Sullivan, gravel.....	21 29
356	Pinniger & Manchester Company, fuel.....	4 88
357	The Broadway Hardware Company, tape.....	35
358	J. D. Johnston, pounders.....	4 00
359	James H. Donovan, tool repairs.....	1 15
360	J. D. Johnston, sash.....	1 44
361	James J. Dugan, crushed stone.....	8 40
362	James J. Dugan, crushed stone.....	562 40
363	Charles S. Goddard, tool repairs.....	8 90
364	Harold L. Bond Company, repairs.....	4 75
365	Highways and Bridges, express.....	32
366	Lynch Brothers, repairing asphalt heater.....	13 58
367	Pinniger & Manchester Company, fuel.....	14 62
368	S. W. Coggeshall, hose and picks.....	24 75
369	The Broadway Hardware Company, picks.....	12 00
370	Patrick Howard, kerosene.....	5 50
371	Howard S. West, tool repairs.....	80
372	J. K. Sullivan, gravel.....	56 53
373	James J. Dugan, crushed stone.....	839 30
374	Pinniger & Manchester Company, fuel.....	19 50
375	N. Y., N. H. & H. R. R. Co., cinders.....	85 00
376	Robert W. Curry, lumber and cartages.....	20 98
377	Wm. B. Scott & Company, nails.....	40
378	Hector M. Henery, contract.....	1699 25
379	James J. Dugan, crushed stone.....	235 75
380	James J. Dugan, crushed stone.....	612 82
381	James J. Dugan, crushed stone.....	301 88
382	Howard S. West, tool repairs.....	3 00
383	N. Y., N. H. & H. R. R. Co., cinders.....	96 50

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384	J. K. Sullivan, gravel.....	\$122 30
385	James J. Martin, kerosene.....	6 60
386	The Broadway Hardware Company, shovels.....	9 00
387	The Peckham Company, shovels.....	13 80
388	D. E. Sullivan, pails and dippers.....	90
389	Wm. B. Scott & Company, picks.....	2 60
390	Hector M. Henery, contract .....	911 65
391	Hector M. Henery, contract .....	1480 98
392	Charles S. Goddard, cart repairs.....	2 00
393	Ralph R. Barker, paint, etc.....	5 55
394	J. T. O'Connell, manila rope.....	52
	Pay Rolls.....	4829 92
		<hr/>
		\$89185 05

## November

395	Providence Telephone Company, exchange service..	\$41 48
396	Aldine-Bradish Company, pencils.....	2 70
397	Kee Lox Manufacturing Company, ribbon coupons..	4 50
398	Simon Hart, office supplies.....	95
399	Remington Ward, paper.....	7 00
400	Scannevin & Potter, desk portable light.....	4 50
401	Howard S. West, tool repairs.....	1 45
402	James J. Dugan, crushed stone.....	45 56
403	James J. Dugan, crushed stone.....	229 36
404	J. K. Sullivan, gravel.....	72 90
405	D. J. Sullivan & Company, weighing gravel.....	1 50
406	Wm. B. Scott & Company, lantern wicks.....	75
407	Charles S. Goddard, tool repairs.....	3 00
408	James J. Dugan, crushed stone.....	729 55
409	James J. Dugan, crushed stone.....	157 82
410	Pinniger & Manchester Company, fuel.....	24 37
411	The Broadway Hardware Company, stove lining....	60
412	Charles S. Goddard, tool repairs .....	2 30
413	Howard S. West, tool repairs.....	3 60
414	James J. Dugan, crushed stone.....	850 87
415	Pinniger & Manchester Company, fuel.....	29 25
416	J. J. Martin, kerosene.....	5 50
417	James J. Dugan, crushed stone.....	220 02
418	James J. Dugan, crushed stone.....	152 49
419	J. K. Sullivan, gravel.....	79
420	James J. Dugan, crushed stone.....	99 43
421	James J. Dugan, crushed stone.....	113 56
422	James J. Dugan, crushed stone.....	182 12
423	James J. Dugan, crushed stone.....	137 19
424	Howard S. West, tool repairs.....	55



425	J. K. Sullivan, gravel .....	\$79 58
426	D. J. Sullivan & Company, weighing gravel.....	30
427	J. K. Sullivan, gravel.....	65 51
428	Sidney B. Gladding, gasoline.....	6 75
429	J. T. O'Connell, paint.....	5 65
430	Ralph R. Barker, oil .....	15
	Pay Rolls.....	3348 09
		<hr/>
		\$95816 74

## December

431	Providence Telephone Company, exchange service..	\$20 17
432	Saml. T. H. Ailman, envelopes.....	1 00
433	George H. Carr, office supplies.....	3 80
434	D. J. Sullivan, tool repairs.....	6 90
435	Charles S. Goddard, tool repairs .....	1 86
436	James J. Dugan, crushed stone.....	1147 36
437	James J. Dugan, crushed stone.....	497 67
438	J. K. Sullivan, gravel.....	25 84
439	Hector M. Henery, laying granolithic sidewalk, Long Wharf .....	26 69
440	J. D. Johnston, lumber.....	4 00
441	S. W. Coggeshall, shovel.....	1 30
442	James J. Dugan, crushed stone.....	105 77
443	James H. Donovan, tool repairs .....	75
444	A. & H. G. Hammett, lumber and screws.....	5 72
445	J. D. Johnston, shingles.....	1 13
446	S. W. Coggeshall, tar paper, etc.....	1 37
447	Wm. K. Covell, pipe.....	6 20
448	J. K. Sullivan, gravel.....	6 66
449	J. K. Sullivan, gravel.....	1 18
450	Hector M. Henery, contract, laying Gran. Sidewalks	1415 34
451	Hector M. Henery, contract, laying Gran. Sidewalks	339 35
452	Hector M. Henery, contract, laying Gran. Sidewalks	257 19
453	J. K. Sullivan, gravel.....	34
454	J. T. O'Connell, solder, etc.....	90
455	Phineas C. Clark, angle iron.....	75
	Pay Rolls .....	1318 80
	½ of Street Commissioner's Salary. (Assumed) .....	750 00
		<hr/>
		\$101764 78

## PUBLIC RECREATIONS

## March

Pay Rolls.....	\$11 63
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## April

4 Thos. Moon & Son, contract.....	\$100 00
Pay Rolls.....	36 33
	<hr/> \$147 96

## May

6 The Broadway Hardware Company, lawn mower, etc.	\$14 50
7 Alexander J. Fludder, contract.....	475 57
Pay Rolls.....	79 00
	<hr/> \$717 03

## June

9 Thos. Moon & Son, pier repairs.....	\$126 90
10 Wm. F. Tripp, broom.....	50
Pay Rolls.....	64 69
	<hr/> \$909 12

## July

Pay Rolls.....	\$45 00
	<hr/> \$954 12

## August

18 J. K. Sullivan, contract.....	\$845 00
19 J. D. Johnston, lumber.....	84
Pay Rolls.....	47 75
	<hr/> \$1,847 71

## September

22 J. K. Sullivan, contract, repairs.....	\$75 00
23 A. & H. G. Hammett, lumber.....	1 50
Pay Rolls.....	65 63
	<hr/> \$1,989 84

## October

Pay Rolls.....	\$13 50
	<hr/> \$2,003 34

## December

26 J. T. O'Connell, turpentine, etc.....	\$1 25
Pay Rolls.....	58 63
	<hr/> \$2,063 22

## PUBLIC RECREATIONS

## MISCELLANEOUS

## January

1 James H. Donovan, tool repairs.....	\$2 00
Pay Rolls.....	27 87
	<hr/>
	\$29 87

## March

2 Philip F. Conroy, globes.....	\$12 00
3 James H. Donovan, tool repairs.....	75
Pay Rolls.....	89 37
	<hr/>
	\$131 99

## April

5 James H. Donovan, tool repairs.....	\$0 50
Pay Rolls.....	1 25
	<hr/>
	\$133 74

## May

8 The Broadway Hardware Company, new tools.....	\$1 50
Pay Rolls.....	5 25
	<hr/>
	\$140 49

## June

11 J. K. Sullivan, gravel.....	\$0 04
12 Stephen L. Goddard, repair fountain.....	6 85
13 John H. Marks, repair fountain.....	8 95
14 Sullivan Brothers, repair fountain.....	1 35
15 Broadway Hardware Company, hand saw.....	2 00
Pay Rolls.....	4 13
	<hr/>
	\$163 81

## July

16 Stephen L. Goddard, contract.....	\$20 00
17 Downing Brothers, sulphur.....	70
Pay Rolls.....	29 63
	<hr/>
	\$214 14

## August

20 James H. Donovan, tool repairs.....	\$0 75
21 Alexander MacLellan, trimming trees.....	56 00
Pay Rolls.....	6 62
	<hr/>
	\$277 51

**REPORT OF STREET COMMISSIONER****131****September**

24	Alexander MacLellan, trimming trees.....	\$21 00
	Pay Rolls.....	6 88
		<hr/>
		\$305 89

**October**

25	John H. Marks, repair fountain.....	\$3 75
	Pay Rolls.....	2 75
		<hr/>
		\$311 89

**November**

	Pay Rolls.....	\$1 32
		<hr/>
		\$313 21

**December**

27	Sullivan Brothers, turning off water, fountain.....	\$1 70
28	James H. Donovan, tool repairs.....	3 50
	Pay Rolls.....	43 18
		<hr/>
		\$361 59

**PUBLIC DOCKS AND WHARVES****January**

1	Pinniger & Manchester Company, fuel.....	\$7 25
	Pay Rolls.....	60 75
		<hr/>
		\$68 00

**February**

2	Highways and Bridges, repairs.....	\$0 50
3	Pinniger & Manchester Company, fuel.....	21 75
4	Newport Paper & Grocery Company, supplies.....	84
	Pay Rolls.....	54 00
		<hr/>
		\$145 09

**March**

5	Pinniger & Manchester Company, fuel.....	\$14 50
	Pay Rolls.....	67 50
		<hr/>
		\$227 09

**April**

6	Pinniger & Manchester Company, fuel....	\$7 25
7	Wm. B. Scott & Company, broom.....	50
	Pay Rolls.....	59 50
		<hr/>
		\$294 34

**May**

8	Pinniger & Manchester Company, fuel.....	\$7 25
9	Newport Paper & Grocery Company, supplies.....	84
	Pay Rolls.....	54 00
		<hr/>
		\$356 43

**June**

10	A. & H. G. Hammett, lumber.....	\$3 61
11	J. D. Johnston, lumber.....	1 35
12	J. T. O'Connell, paint and brushes.....	4 90
	Pay Rolls.....	84 00
		<hr/>
		\$450 29

**July**

13	The Broadway Hardware Company, broom, etc.....	\$2 85
14	Newport Paper & Grocery Company, supplies.....	84
15	A. & H. G. Hammett, lumber.....	8 68
16	Wm. B. Scott & Company, bolts.....	96
	Pay Rolls.....	70 62
		<hr/>
		\$534 24

**August**

17	John Reardon, repair float.....	\$15 00
18	J. T. O'Connell, paint.....	4 20
	Pay Rolls.....	60 00
		<hr/>
		\$613 44

**September**

19	J. T. O'Connell, paint.....	\$2 65
	Pay Rolls.....	81 62
		<hr/>
		\$697 71

**October**

20	Newport Paper & Grocery Company, supplies.....	\$0 84
	Pay Rolls.....	61 38
		<hr/>
		\$759 93

**November**

21	The A. C. Titus Company, chair, office.....	\$8 00
22	Wm. B. Scott & Company, broom.....	60
	Pay Rolls.....	61 37
		<hr/>
		\$829 90

**December**

23	Pinniger & Manchester Company, fuel.....	\$36 25
24	Walsh Brothers, stove.....	22 20
25	The Broadway Hardware Company, oil stove.....	1 30

# REPORT OF STREET COMMISSIONER

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26	J. T. O'Connell, broom.....	\$ 65
	Pay Rolls.....	76 67
		<hr/>
		\$966 97

## NON-APPORTIONED

### January

#### Stable:

1	H. L. Marsh & Company, forage.....	\$163 11
2	The Broadway Hardware Company, salts and holder	2 65
3	The Texas Company, gasoline.....	8 50
4	Wm. A. Stoddard, medicine.....	6 00
5	Oliver R. Braman, harness repairs.....	65
6	Henry H. Lawton, supplies.....	19 20
7	R. G. Biesel, blankets, etc.....	16 00
8	S. W. Coggeshall, hose, etc.....	4 15
9	The King & MacLeod Company, duck, etc.....	1 73
10	Charles S. Goddard, cart repairs.....	2 70
11	Wm. B. Scott & Company, supplies.....	1 16
12	J. T. O'Connell, rope, etc.....	80
13	Peter F. Clark & Company, shoeing...	9 00
14	P. M. Shea, shoeing.....	7 38
15	Daniel J. Sullivan, shoeing.....	25
16	Shreenan & Sullivan, shoeing...	6 25
	Pay Rolls.....	122 88

#### Rollers:

17	The Peckham Company, hose.....	15 00
18	Harold L. Bond Company, new tools.....	13 54
	Pay Rolls.....	204 63
		<hr/>
		\$605 58

### February

#### Stable:

19	Dennis Shanahan, forage.....	\$195 11
20	Ralph R. Barker, paint.....	12 00
21	J. T. O'Connell, rope and bolts.....	36
22	Oliver R. Braman, blankets.....	13 50
23	Henry H. Lawton, blankets and straps.....	14 50
24	R. G. Biesel, supplies and repairs.....	8 90
25	Wm. B. Scott & Company, snaps.....	1 35
26	Charles S. Goddard, shoeing.....	25
27	Peter F. Clark & Company, shoeing.....	4 50
28	Daniel Beard, shoeing.....	9 26
29	Daniel J. Sullivan, shoeing.....	4 50
30	P. M. Shea, shoeing.....	7 38
31	Shreenan & Sullivan, shoeing.....	10 00
	Pay Rolls.....	112 98

**Rollers:**

32	Pinniger & Manchester Company, fuel.....	5 70
33	S. W. Coggeshall, solarine.....	1 10
34	Ralph R. Barker, paint.....	8 46
35	Buffalo Steam Roller Company, supplies and repairs.....	40 40
36	John F. Scott, Agent, duck curtains, etc.....	17 30
37	J. D. Johnston, lumber and milling.....	99
38	J. T. O'Connell, tacks.....	35
39	Dudley P. Bacheller, repairs.....	3 00
40	Walworth Manufacturing Company, repairs.....	13 12
	Pay Rolls.....	214 38

**Materials:**

41	J. J. Martin, kerosene.....	5 50
		<b>\$1310 47</b>

**March****Stable:**

42	J. G. Stevens, forage.....	<b>\$164 49</b>
43	Newport Gas Light Company, gas.....	2 31
44	Oliver R. Braman, supplies and repairs.....	34 85
45	Henry H. Lawton, storm covers, etc.....	34 00
46	S. W. Coggeshall, solarine.....	1 10
47	J. D. Johnston, lumber and milling.....	1 80
48	Charles S. Goddard, cart repairs.....	10 40
49	Peter F. Clarke & Company, shoeing.....	5 25
50	P. M. Shea, shoeing.....	6 13
51	Daniel J. Sullivan, shoeing.....	4 50
52	Daniel Beard, shoeing.....	5 38
53	Shreenan & Sullivan, shoeing.....	2 25
	Pay Rolls.....	301 99

**Rollers:**

54	Pinniger & Manchester Company, fuel.....	5 70
55	Ralph R. Barker, paint.....	4 75
56	Charles S. Goddard, steel pins.....	12 00
57	The Peckham Company, wrench.....	40
58	J. T. O'Connell, paint, etc.....	12 42
59	Lynch Brothers, repairs.....	2 30
60	The New England Steamship Company, repairs.....	1 78
61	Buffalo Steam Roller Company, scraper blades.....	14 00
62	N. Y., N. H. & H. R. R. Co., freight.....	89
63	Highways and Bridges, express.....	55
	Pay Rolls.....	291 75

**Materials:**

64	Patrick Howard, kerosene.....	5 50
		<b>\$2,236 96</b>

# REPORT OF STREET COMMISSIONER

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## April

### Stable:

65	H. L. Marsh & Company, forage.....	\$218 37
66	Ralph R. Barker, paint. ....	1 50
67	J. H. Shea, dental work.....	4 00
68	R. G. Biesel, supplies and harness repairs.....	21 60
69	Henry H. Lawton, harness repairs.....	12 35
70	The Broadway Hardware Company, snaps.....	1 50
71	J. T. O'Connell, sponge.....	30
72	Charles S. Goddard, cart repairs....	14 70
73	Dudley P. Bacheller, wagon repairs .....	5 30
74	M. F. Shea, cart repairs.....	1 50
75	J. D. Johnston, lumber and screws.....	1 96
76	J. R. Chase, motor cycle repairs.....	2 80
77	Daniel Beard, shoeing.....	4 50
78	Peter F. Clark & Company, shoeing.....	5 12
79	Daniel J. Sullivan, shoeing .....	3 50
80	Shreenan & Sullivan, shoeing .....	8 25
81	P. M. Shea, shoeing.....	9 00
	Pay Rolls.....	160 77

### Rollers:

82	Pinniger & Manchester Company, fuel....	99 30
83	J. J. Martin, kerosene.....	6 60
84	Jas. F. Marden Company, pails.....	1 80
85	Wm. B. Scott & Company, tape lines.....	1 35
86	J. T. O'Connell, rope.....	25
87	Buffalo Steam Roller Company, scraper blades.....	3 20
88	Highways and Bridges, express.....	68
89	Lynch Brothers, pipe, etc.....	1 14
90	S. W. Coggeshall, screws.....	28
91	J. D. Johnston, lumber and milling .....	1 75
95	W. L. Nordling, lard oil.....	50 93
	Pay Rolls. ....	63 72

### Materials:

92	Hooper, Havey & Company, curb and culls.....	3,182 14
93	Highways and Bridges, freight on curb and culls....	28 00
94	Schooner, "Jeremiah Smith", freight on curb, etc..	800 00
96	Fuller Iron Works, manhole covers and rims.....	54 00
97	Highways and Bridges, freight.....	2 13

\$7,011 25

## May

### Stable:

98	Dennis Shanahan, forage.....	\$163 71
99	Daniel Beard, liniment ....	2 25
100	Henry H. Lawton, supplies and repairs.....	16 50



101	The Broadway Hardware Company, halter snaps.....	\$ 75
102	Dudley P. Bacheller, repair buggy.....	8 90
103	J. R. Chase, motor cycle repairs .....	4 67
104	Daniel J. Sullivan, shoeing.....	4 50
105	P. M. Shea, shoeing.....	4 90
106	Shreenan & Sullivan, shoeing.....	4 60
107	Daniel Beard, shoeing.....	4 50
108	Peter F. Clark & Company, shoeing.....	8 12
	Pay Rolls.....	67 62

**Rollers:**

109	Pinniger & Manchester Company, fuel.....	118 84
110	Wm. K. Covell, supplies.....	90
111	Patrick Howard, kerosene .....	6 05
112	J. T. O'Connell, waste, etc.....	37 95
113	Lynch Brothers, repairs.....	1 82
114	Walworth Manufacturing Company, rubber washers	30

**Materials:**

115	The Haverstraw Crushed Stone Company, stone ....	1,134 00
116	Warner-Quinlan Asphalt Company, asphalt.....	7,987 77
117	J. K. Sullivan, discharging stone and asphalt .....	255 96
		<hr/> \$16,845 86

**June****Stable:**

118	J. G. Stevens, forage.....	\$197 36
119	Newport Gas Light Company, gas.....	11
120	H. H. Lawton, repair bridle, etc.....	1 15
121	Oliver R. Braman, harness repairs and supplies.....	32 20
122	Charles S. Goddard, cart repairs.....	1 85
123	C. L. Tallman, wagon.....	40 00
124	Dr. C. Horseman, vet. services, etc.....	10 00
125	Wm. B. Scott & Company, axle grease.....	2 00
126	James McBride, liniment .....	4 00
127	Highways and Bridges, express.....	32
128	Daniel J. Sullivan, shoeing.....	4 50
129	Daniel Beard, shoeing.....	4 50
130	P. M. Shea, shoeing.....	12 13
131	Shreenan & Sullivan, shoeing.....	9 76
132	Peter F. Clark & Company, shoeing.....	5 50
	Pay Rolls.....	91 50

**Rollers:**

133	Pinniger & Manchester Company, fuel.....	138 79
134	W. L. Nording, oils .....	74 23
135	Patrick Howard, kerosene.....	5 50
136	Lynch Brothers, repairs.....	2 15
137	S. W. Coggeshall, chain.....	15

# REPORT OF STREET COMMISSIONER

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138	Buffalo Steam Roller Company, repairs.....	\$1 30
139	Highways and Bridges, express.....	44
140	Walworth Manufacturing Company, repairs.....	53
141	The Broadway Hardware Company, hose and couplings	15 00

## Materials:

142	Hooper, Havey & Company, culls. ....	227 50
143	William Hamilton, freight on culls.....	50 00

\$17778 33

## July

### Stable:

144	H. L. Marsh & Company, forage.....	\$177 93
145	R. G. Biesel, supplies and repairs.....	9 90
146	Howard S. West, repair wagon.....	8 50
147	The Broadway Hardware Company, whiffletrees....	6 00
148	Charles S. Goddard, cart repairs.....	2 50
149	Ralph R. Barker, paint and sandpaper.....	27
150	S. W. Coggeshall, solarine.....	1 10
151	J. R. Chase, motor cycle repairs.....	29 93
152	Downing Brothers, arnica.....	35
153	Daniel Beard, shoeing.....	5 50
154	Shreenan & Sullivan, shoeing.....	8 89
155	Daniel J. Sullivan, shoeing. ....	4 51
156	P. M. Shea, shoeing.....	8 51
157	Peter F. Clark & Company, shoeing.....	10 24
	Pay Rolls.....	100 83

### Rollers:

158	Pinniger & Manchester Company, fuel.....	115 99
159	Newport Water Works, roller repairs.....	1 60
160	Newport Paper & Grocery Company, oatmeal.....	4 25

## Materials:

161	Fuller Iron Works, manhole covers and rims.....	54 00
162	Highways and Bridges, freight.....	2 11
163	J. J. Martin, kerosene.....	5 50
164	Patrick Howard, kerosene.....	6 05

\$18342 79

## August

### Stable:

165	Dennis Shanahan, forage.....	\$164 59
166	Henry H. Lawton, supplies and repairs.....	30 90
167	The Broadway Hardware Company, whiffletrees....	3 00
168	Howard S. West, repair cart.....	6 50
169	Estate M. F. Shea, cart repairs.....	3 00
170	Wm. B. Scott & Company, axle grease.....	2 00
171	J. R. Chase, motor cycle repairs.....	5 55
172	Daniel Beard, shoeing.....	4 50
173	Peter F. Clark & Company, shoeing.....	5 87

174	P. M. Shea, shoeing.....	\$5 39
175	Shreenan & Sullivan, shoeing.....	6 26
	Pay Rolls.....	84 54

**Rollers:**

176	Pinniger & Manchester Company, fuel....	119 65
177	W. L. Nordling, lard oil.....	50 93
178	S. W. Coggeshall, hose, etc.....	18 60
179	Buffalo Steam Roller Company, scraper bracket....	2 50
180	Highways and Bridges, express.....	36
181	Lynch Brothers, repairs.....	2 78
182	Walworth Manufacturing Company, rubber washers	44
183	Estate M. F. Shea, tool repairs.....	25

**Materials:**

184	The Haverstraw Crushed Stone Company, trap rock	1025 50
185	J. K. Sullivan, discharging trap rock.....	201 73
186	N. Y., N. H. & H. R. R. Co., cinders.....	60 00

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 \$20147 63
**September****Stable:**

187	J. G. Stevens, forage.....	\$229 10
188	O. R. Braman, supplies and repairs.....	24 60
189	Estate M. F. Shea, cart repairs.....	4 00
190	Charles S. Goddard, cart repairs.....	3 50
191	J. D. Johnston, lumber.....	50
192	Newport Gas Light Company, gas.....	66
193	George Stanhope, soap.....	4 15
194	Daniel Beard, shoeing and liniment.....	5 50
195	Shreenan & Sullivan, shoeing.....	8 89
196	P. M. Shea, shoeing.....	13 03
197	Peter F. Clark & Company, shoeing.....	5 87
198	Daniel J. Sullivan, shoeing.....	9 00
	Pay Rolls.....	104 28

**Rollers:**

199	Pinniger & Manchester Company, fuel.....	169 31
200	Buffalo Steam Roller Company, repairs.....	2 20
201	Charles S. Goddard, drill.....	75
202	W. L. Nordling, oil.....	82 96
203	J. J. Martin, kerosene.....	12 10

**Materials:**

204	John M. F. cement.....	4 80
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 \$20832 83
**October****Stable:**

205	H. L. Marsh & Company, forage.....	\$168 70
206	Charles S. Goddard, cart repairs.....	7 80
207	Estate M. F. Shea, cart repairs.....	11 00

# REPORT OF STREET COMMISSIONER

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208	R. G. Biesel, harness repairs and sponge.....	\$8 90
209	J. T. O'Connell, rope. ....	13
210	S. W. Coggeshall, solarine. ....	1 10
211	Wm. B. Scott & Company, grease.....	2 00
212	J. R. Chase, motor cycle repairs.....	9 35
213	P. M. Shea, shoeing.....	8 51
214	Shreenan & Sullivan, shoeing.....	5 57
215	Peter F. Clark & Company, shoeing.....	5 87
216	Daniel J. Sullivan, shoeing.....	50
217	Daniel Beard, shoeing.....	5 50
	Pay Rolls.....	105 70

## Rollers:

218	Pinniger & Manchester Company, fuel.....	130 24
219	J. T. O'Connell, waste.....	22 50
220	Lynch Brothers, repairs.....	2 18
221	Buffalo Steam Roller Company, repairs.....	2 32
222	Highways and Bridges, express.....	28

## Materials:

223	N. Y., N. H. & H. R. R. Co., cinders.....	75 00
224	John M. Friend, cement.....	12 40
225	Fuller Iron Works, manhole covers and rims.....	27 00
226	Highways and Bridges, freight.....	1 06

**\$21,446 43**

## November

### Stable:

227	Dennis Shanahan, forage.....	\$175 27
228	Henry H. Lawton, supplies and repairs.....	8 40
229	Julius Burdick, gasoline.....	15 75
230	Dudley P. Bacheller, cart repairs.....	49 83
231	Estate M. F. Shea, cart repairs.....	18 50
232	J. R. Chase, motor cycle repairs.....	3 00
233	Shreenan & Sullivan, shoeing.....	8 02
234	Peter F. Clark & Company, shoeing.....	5 12
235	P. M. Shea, shoeing.....	6 75
236	Daniel J. Sullivan, shoeing.....	4 50
237	Daniel Beard, shoeing.....	4 50
	Pay Rolls.....	99 45

### Rollers:

238	Pinniger & Manchester Company, fuel.....	104 18
239	W. L. Nordling, oil.....	25 24

### Materials:

240	Fuller Iron Works, manhole covers and rims.....	27 00
241	Highways and Bridges, freight.....	1 03
242	Patrick Howard, kerosene.....	6 60

**\$22,009 57**

## December

## Stable:

243	J. G. Stevens, forage.....	\$198 01
244	The Broadway Hardware Company, roto salt .....	2 50
245	Oliver R. Braman, supplies.....	20 30
246	Charles S. Goddard, cart repairs .....	4 00
247	Howard S. West, cart repairs .....	1 50
248	Wm. K. Covell, copper boiler.....	5 00
249	S. W. Coggeshall, padlock .....	60
250	Dr. C. Horseman, vet. services and medicine.....	15 00
251	Wm. A. Stoddard, medicine .....	8 00
252	James McBride, liniment .....	4 00
253	Newport Gas Light Company, gas.....	99
254	Peter F. Clark & Company, shoeing.....	5 12
255	Daniel Beard, shoeing and liniment.....	5 50
256	P. M. Shea, shoeing.....	5 38
257	Shreenan & Sullivan, shoeing .....	4 88
258	Daniel J. Sullivan, shoeing .....	4 50
	Pay Rolls.....	142 42

## Rollers:

259	Pinniger & Manchester Company, fuel.....	59 83
260	Patrick Howard, kerosene.....	6 05
261	Lynch Brothers, valves, etc.....	1 55
262	Charles S. Goddard, wrench, etc .....	1 75
	Pay Rolls.....	301 50

## Materials:

263	Alexander J. Fludder, cement.....	3 14
		<hr/>
		\$22,811 09

## Summary

Public Weights and Measures .....	\$5 50
Public Safety .....	44 47
Public Sanitation .....	63,038 11
Public Highways and Bridges .....	101,764 78
Public Recreations.....	2,063 22
Public Recreations, Miscellaneous .....	361 58
Public Docks and Wharves .....	966 97
	<hr/>
	\$168,244 64
Non-Appropriated .....	22,811 09
	<hr/>
Total .....	\$191,055 73

Respectfully submitted,

WILLIAM HAMILTON,

Street Commissioner.

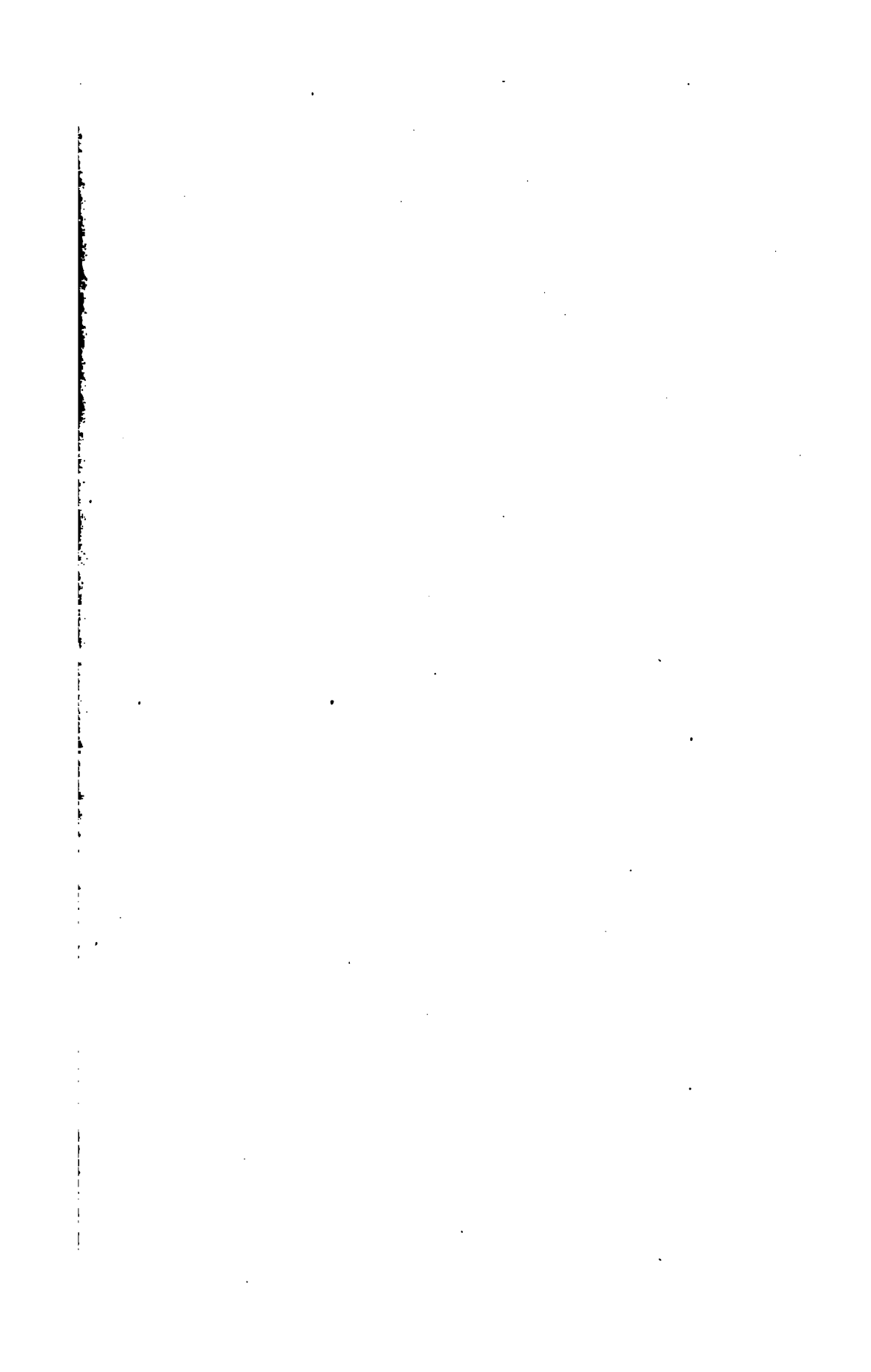
















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